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HEALTH REPORT

FOR THE

CITY OF NEWARK

1952

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Department of Public Affairs.

Department of Health, Newark, N. J.
AARON H. HASKIN, M.D., M.P.H.,
Health Officer.

DEPARTMENT OF HEALTH

NEWARK, N. J.

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IRVING WILLNER, M.D.

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EDMOND EDELSON, M.D.

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CITY DISPENSARY
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* * *

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PATHOLOGIST
HARRISON S. MARTLAND, M. D.

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OSCAR B. STEVENS, PH.G.

ACTING SUPERVISING CHEMIST
NICHOLAS D'AURIA, B.A.

CHIEF DENTAL SUPERVISOR
J. E. H. GUTHRIE, D.D.S.

* * * *

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CHIEF INSPECTOR, CONTAGION	WILLIAM S. JENNINGS
CHIEF INSPECTOR, INDUSTRIAL HYGIENE	CHARLES J. MAGUIRE
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SUPERVISOR, CHILD HYGIENE NURSES	MEREDITH EHRICH, R.N.
SUPERVISOR, TUBERCULOSIS NURSES	MAE C. WACKENHUTH, R.N.
SUPERVISOR, PAROCHIAL SCHOOL NURSES	MARY HOBAN, R.N.
SUPERVISOR, VISUAL HEALTH EDUCATION	PETER COVEN

WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DEPARTMENT BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASE. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG AND RABIES CONTROL; INSURE GOOD PLUMBING; INFANT BOARDING HOME SUPERVISION; LODGING HOUSE SUPERVISION, AND DOZENS OF OTHER INCIDENTAL HEALTH WORKS -

BUT ALSO

1 - MEDICAL CARE OF THE POOR - APPROXIMATELY $375,000 IS SPENT IN THE MEDICAL CARE OF THE POOR,- CLINIC TREATMENTS, HOME DOCTOR AND NURSE TREATMENTS, ETC.
CURING THE SICK, KEEPS THEM OFF THE RELIEF ROLL.

2 - DISEASE CONTROL - THOUSANDS OF SCREEN-TESTING CHEST X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC. -- CURE IS ALSO POSSIBLE IN EARLY STAGES.

3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS, WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE.

4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 15,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE FOR PUBLIC SCHOOL CHILDREN BY THE BOARD OF EDUCATION.

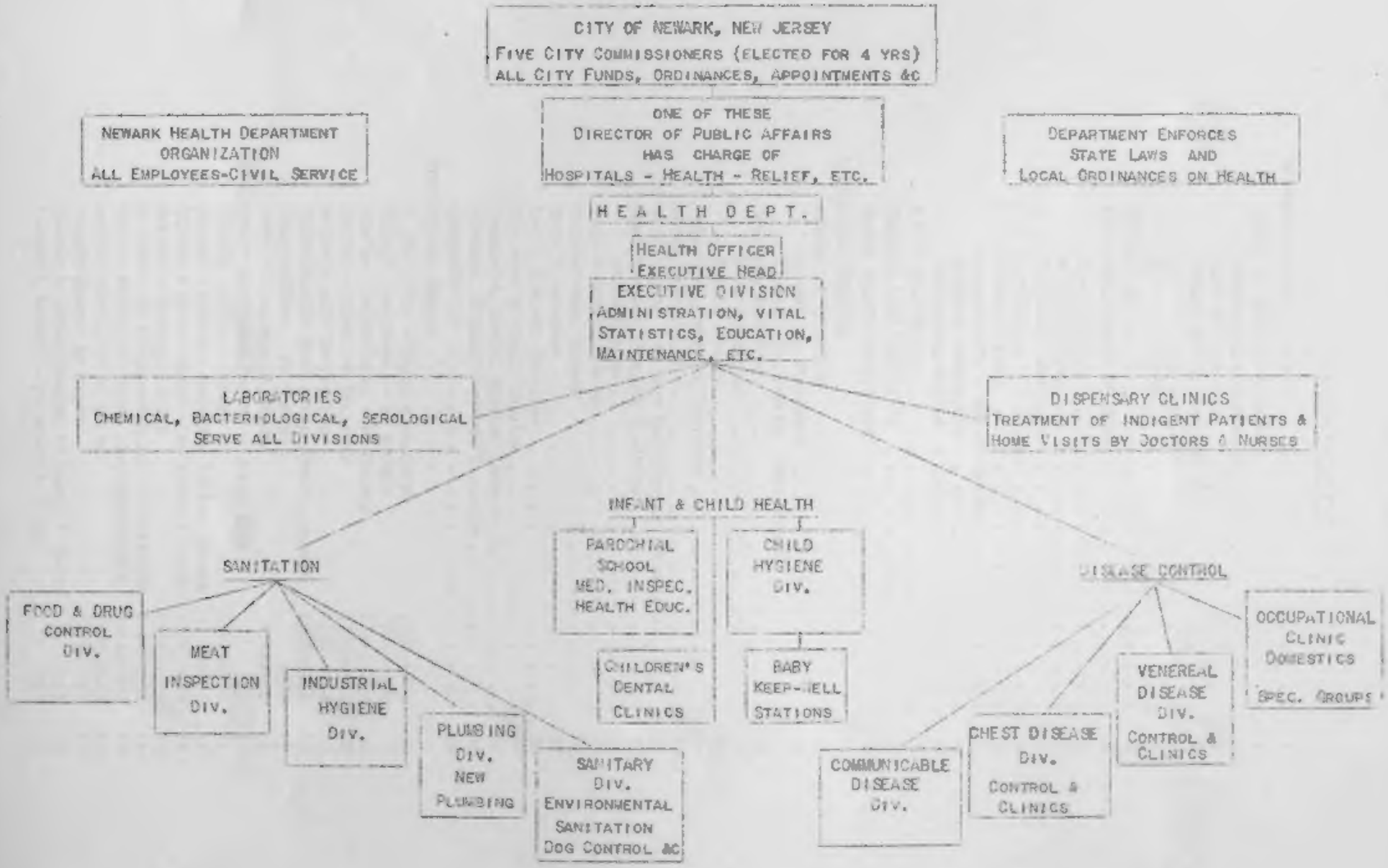
5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN DISPENSARY AND NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 10,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY.

6 - CLEAN FOOD - SECURE MAXIMUM SANITATION IN EVERY FOOD ESTABLISHMENT, WHERE THE PUBLIC HAS NO OTHER PROTECTION, PLUS COMPULSORY LECTURE COURSES FOR RESTAURANT HELP TO PREVENT FOOD INFECTIONS.

7 - PURE MILK - INSURE A PURE SUPPLY OF MILK; 2,000,000 QUARTS PER WEEK. (THE MAJOR FOOD OF INFANTS AND CHILDREN).

8 - INDUSTRIAL HEALTH - A SPECIAL STAFF TO MAINTAIN HEALTHFUL WORKING CONDITIONS IN MORE THAN 1,000 INDUSTRIAL PLANTS.

9 - CONTAGION - CONTROL & PREVENTION - NOT ONLY PREVENT SPREAD OF CONTAGIOUS DISEASE, BUT CAMPAIGN FOR PROTECTION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.


CITY OF NEWARK, NEW JERSEY
FIVE CITY COMMISSIONERS (ELECTED FOR 4 YRS)
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS &C
NEWARK HEALTH DEPARTMENT ORGANIZATION
ALL EMPLOYEES-CIVIL SERVICE
ONE OF THESE
DIRECTOR OF PUBLIC AFFAIRS
HAS CHARGE OF
HOSPITALS - HEALTH - RELIEF, ETC.
DEPARTMENT ENFORCES
STATE LAWS AND
LOCAL ORDINANCES ON HEALTH
HEALTH DEPT.
HEALTH OFFICER
EXECUTIVE HEAD
EXECUTIVE DIVISION
ADMINISTRATION, VITAL STATISTICS, EDUCATION, MAINTENANCE, ETC.
LABORATORIES
CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL
SERVE ALL DIVISIONS
DISPENSARY CLINICS
TREATMENT OF INDIGENT PATIENTS &
HOME VISITS BY DOCTORS & NURSES
INFANT & CHILD HEALTH
PAROCHIAL SCHOOL MED. INSPEC. HEALTH EDUC.
CHILD HYGIENE DIV.
CHILDREN'S DENTAL CLINICS
BABY KEEP-WELL STATIONS
SANITATION
FOOD & DRUG CONTROL DIV.
MEAT INSPECTION DIV.
INDUSTRIAL HYGIENE DIV.
PLUMBING DIV. NEW PLUMBING
SANITARY DIV. ENVIRONMENTAL SANITATION DOG CONTROL &C
DISEASE CONTROL
OCCUPATIONAL CLINIC DOMESTICS
SPEC. GROUPS
VENEREAL DISEASE DIV.
CONTROL & CLINICS
CHEST DISEASE DIV.
CONTROL & CLINICS
COMMUNICABLE DISEASE DIV.

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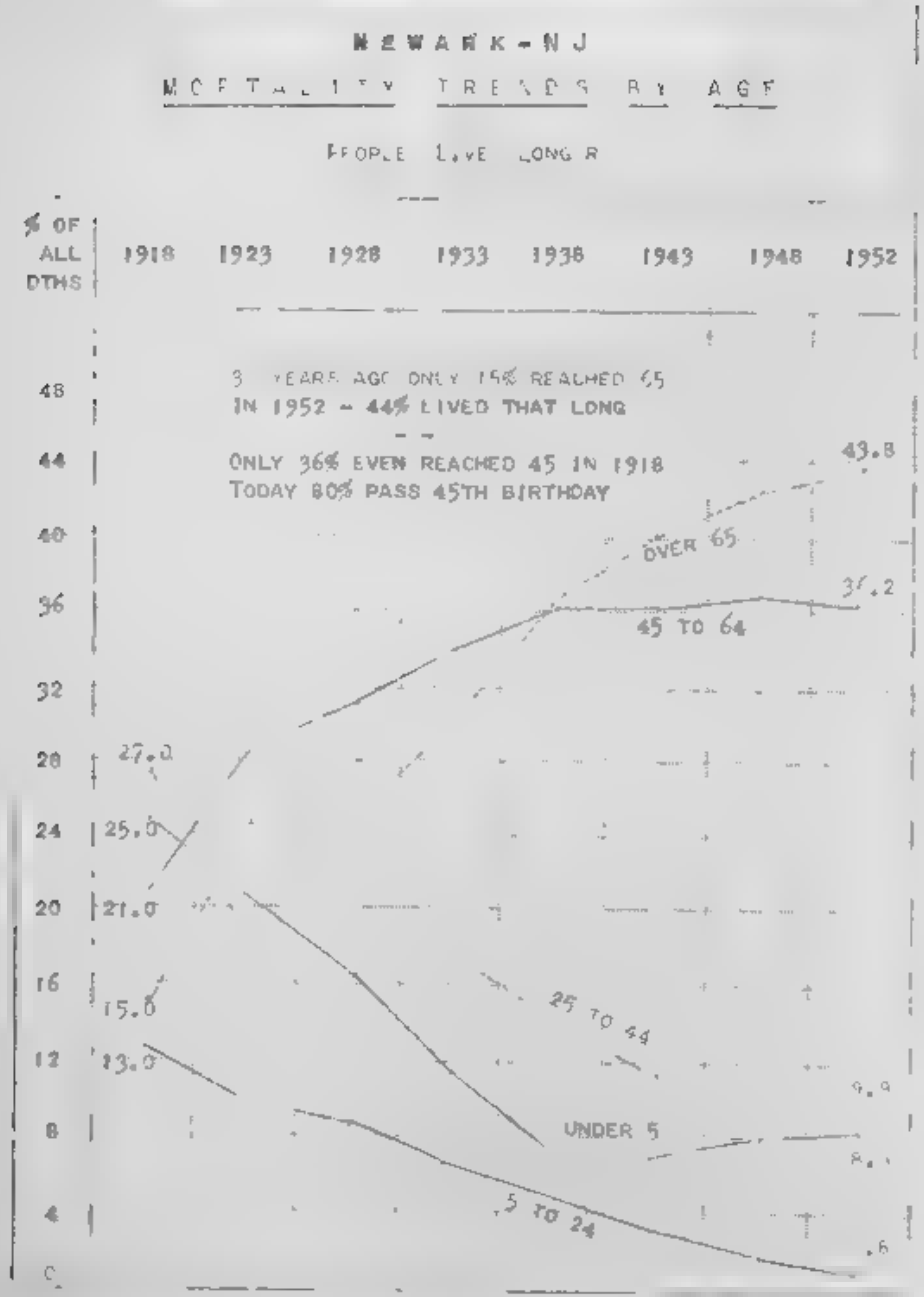
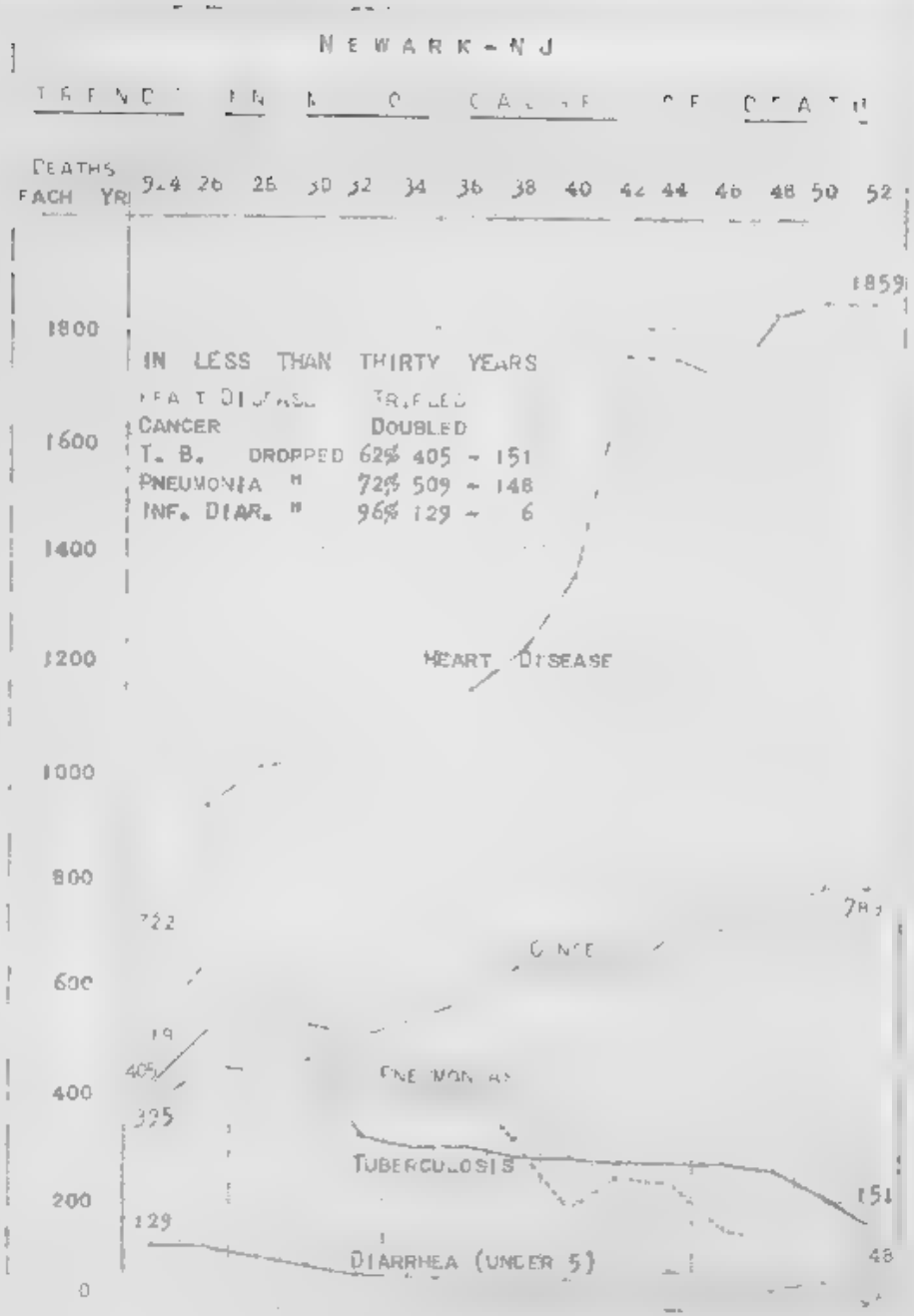
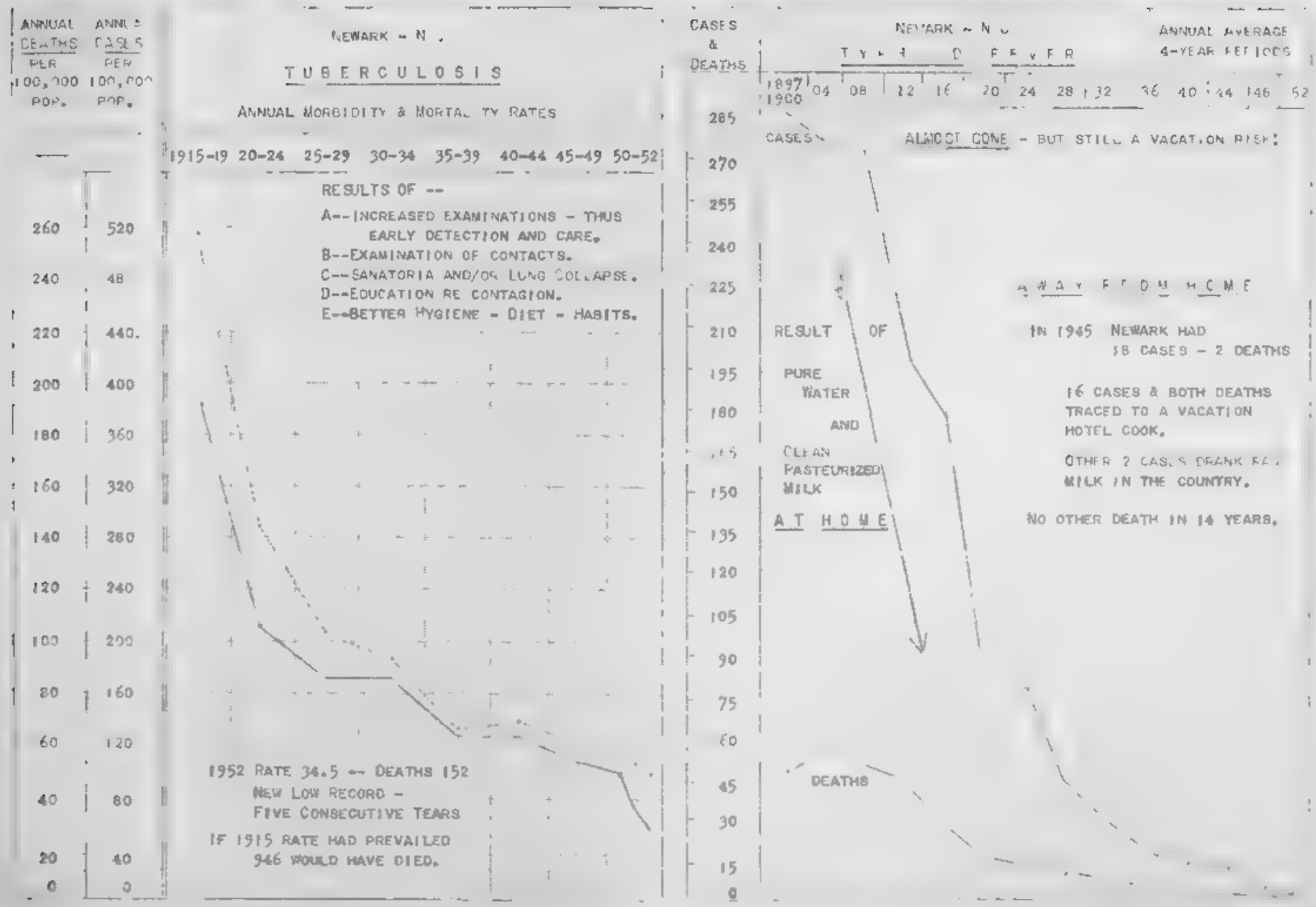
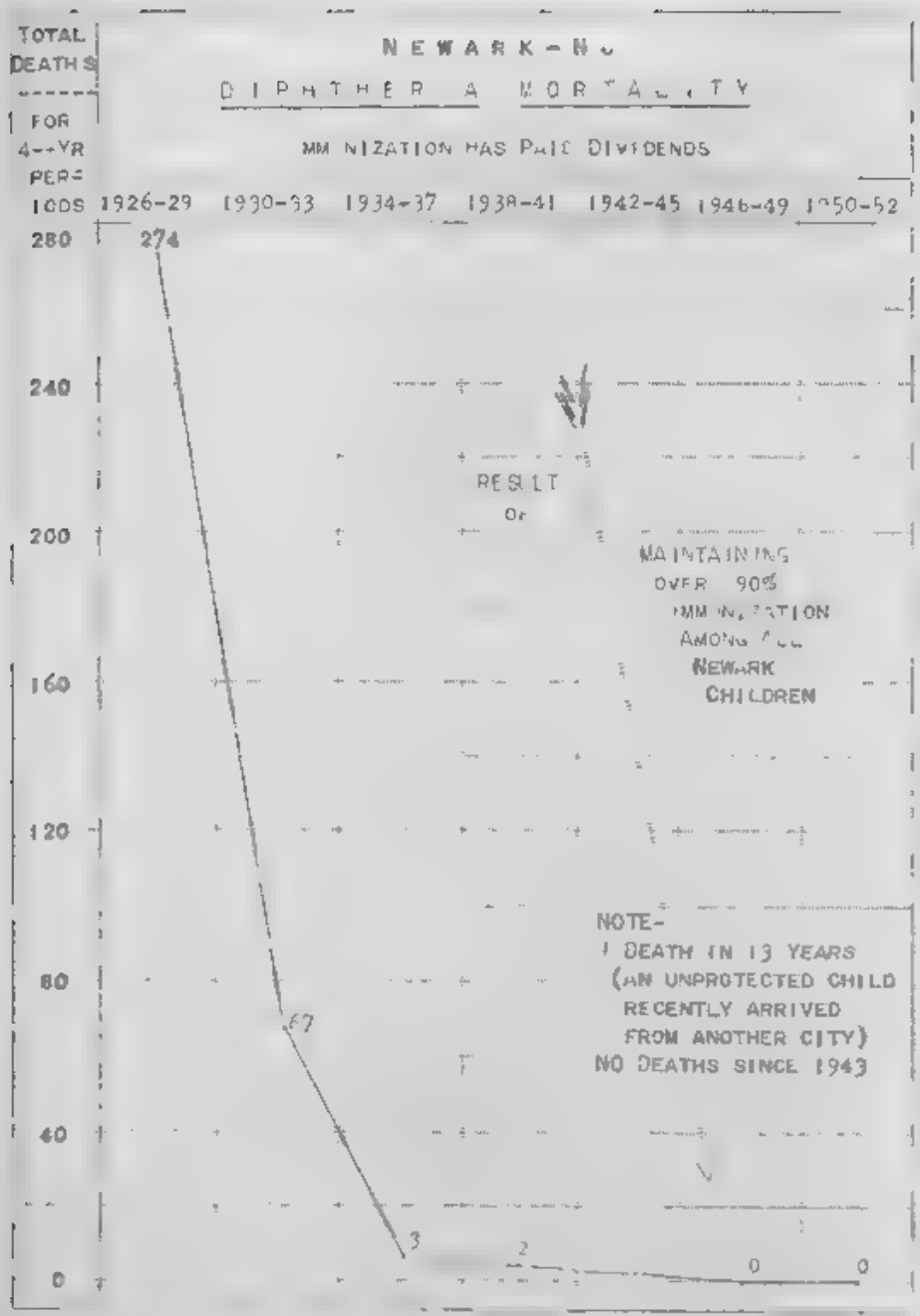
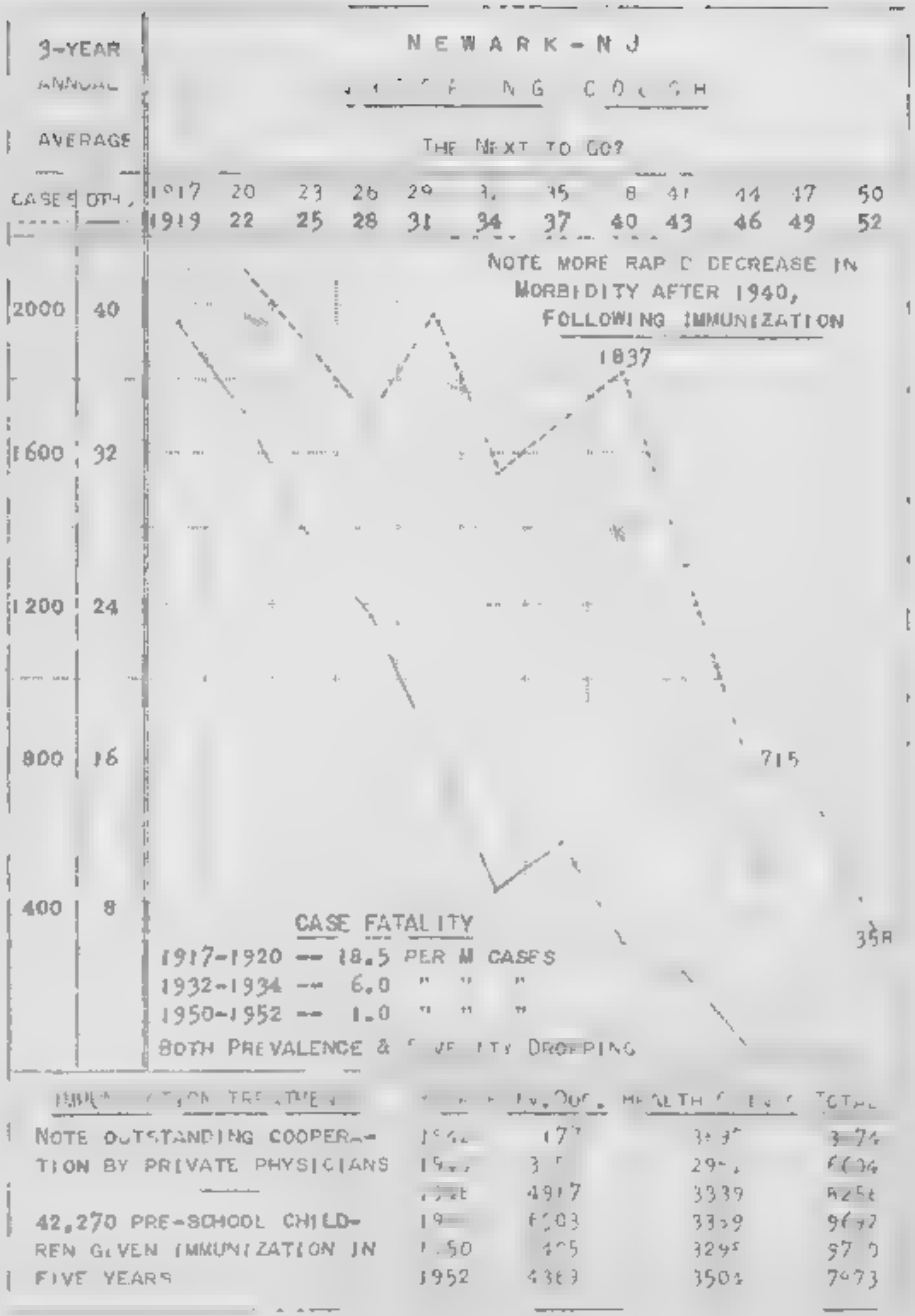

NEWARK-NJ
MORTALITY TRENDS BY AGE
PEOPLE LIVE LONGER
% OF ALL DTHS
1918
1923
1928
1933
1938
1943
1948
1952
3 YEARS AGO ONLY 15% REACHED 65
IN 1952 - 44% LIVED THAT LONG
ONLY 36% EVEN REACHED 45 IN 1918
TODAY 80% PASS 45TH BIRTHDAY
OVER 65
43.8
45 TO 64
37.2
27.0
25.0
21.0
15.0
13.0
25 TO 44
UNDER 5
5 TO 24
.6

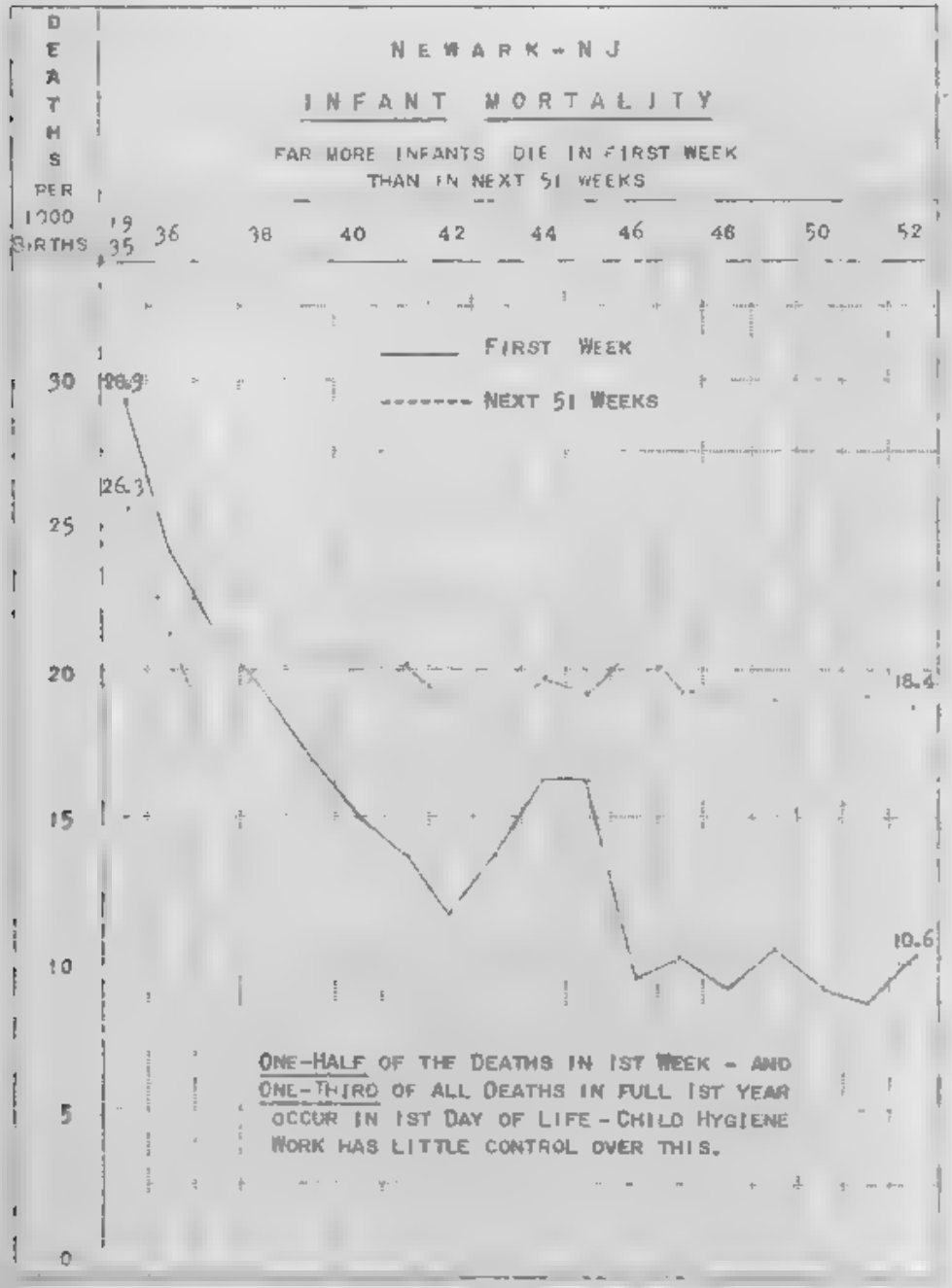

NEWARK-NJ
TRENDS IN MAJOR CAUSES OF DEATH
DEATHS EACH YR
1859
IN LESS THAN THIRTY YEARS
HEART DISEASE TRIPLED
CANCER DOUBLED
T. B. DROPPED 62% 405 - 151
PNEUMONIA " 72% 509 - 148
INF. DIAR. " 96% 129 - 6
HEART DISEASE
CANCER
PNEUMONIA
TUBERCULOSIS
DIARRHEA (UNDER 5)
722
405
325
129
151
48

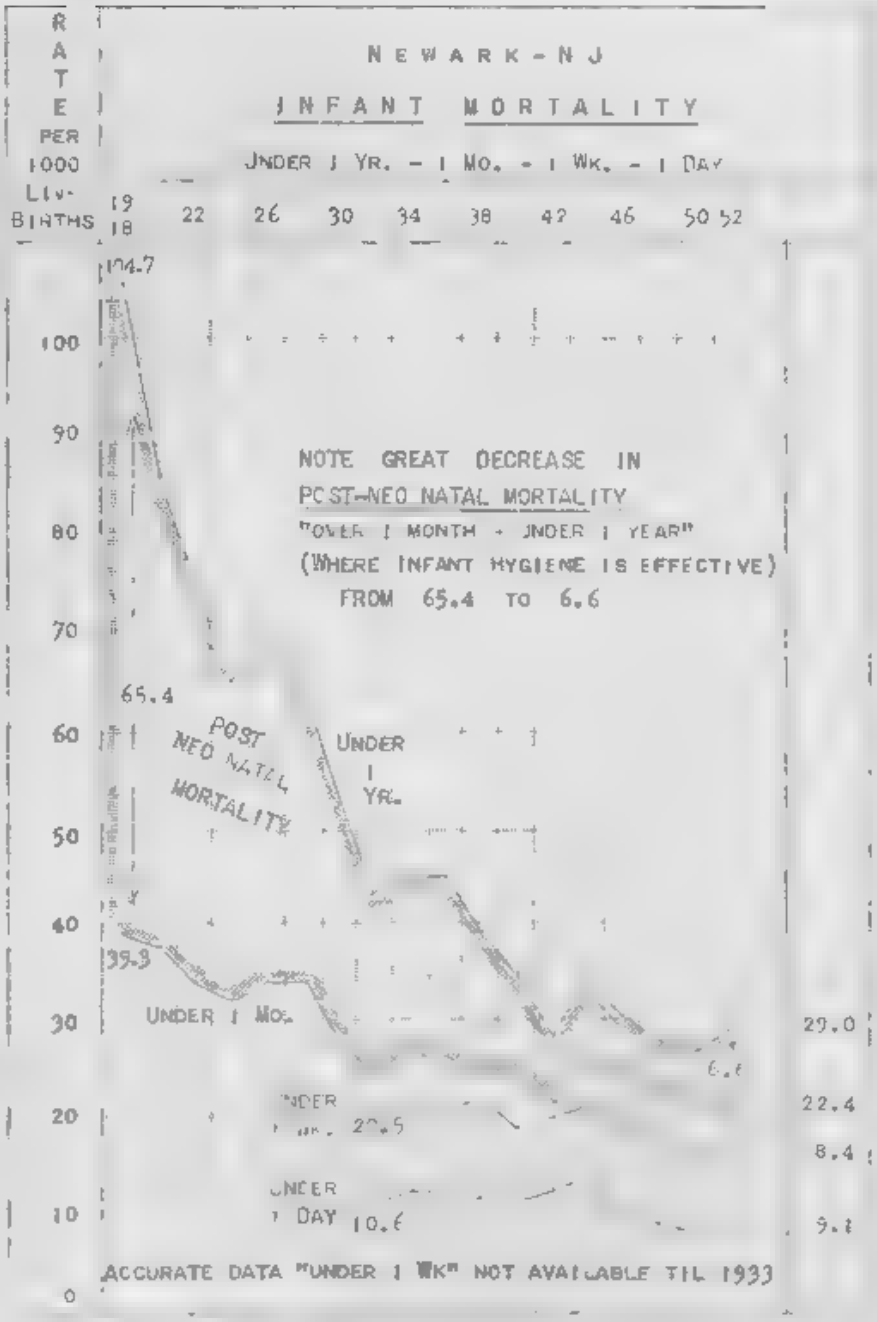

ANNUAL DEATHS PER 100,000 POP.
ANNUAL CASES PER 100,000 POP.
NEWARK - N.
TUBERCULOSIS
ANNUAL MORBIDITY & MORTALITY RATES
1915-19 20-24 25-29 30-34 35-39 40-44 45-49 50-52
RESULTS OF --
A--INCREASED EXAMINATIONS - THUS EARLY DETECTION AND CARE.
B--EXAMINATION OF CONTACTS.
C--SANATORIA AND/OR LUNG COLLAPSE.
D--EDUCATION RE CONTAGION.
E--BETTER HYGIENE - DIET - HABITS.
1952 RATE 34.5 -- DEATHS 152
NEW LOW RECORD - FIVE CONSECUTIVE YEARS
IF 1915 RATE HAD PREVAILED 946 WOULD HAVE DIED.
CASES & DEATHS
NEWARK - N.
TYPHOID FEVER
ANNUAL AVERAGE 4-YEAR PERIODS
1897 1900 04 08 12 16 20 24 28 32 36 40 44 48 52
CASES
ALMOST GONE - BUT STILL A VACATION RISK!
RESULT OF
PURE WATER
AND
CLEAN PASTEURIZED MILK
AT HOME
AWAY FROM HOME
IN 1945 NEWARK HAD 18 CASES - 2 DEATHS
16 CASES & BOTH DEATHS TRACED TO A VACATION HOTEL COOK.
OTHER 2 CASES DRANK RAW MILK IN THE COUNTRY.
NO OTHER DEATH IN 14 YEARS.
DEATHS





IMMUNIZATION TREATMENTS		PRIV. DOC.	HEALTH CLINIC	TOTAL
NOTE OUTSTANDING COOPERA-	1932	177	3[illegible]	3[illegible]74
TION BY PRIVATE PHYSICIANS	19[illegible]	3[illegible]	29[illegible]	6[illegible]04
	[illegible]	4917	3339	8256
42,270 PRE-SCHOOL CHILD-	19[illegible]	6[illegible]03	3359	9[illegible]62
REN GIVEN IMMUNIZATION IN	1950	4[illegible]5	329[illegible]	97[illegible]0
FIVE YEARS	1952	4383	350[illegible]	7973


NEWARK - N J
INFANT MORTALITY
FAR MORE INFANTS DIE IN FIRST WEEK
THAN IN NEXT 51 WEEKS
DEATHS PER 1000 BIRTHS
19 35 36 38 40 42 44 46 48 50 52
FIRST WEEK
NEXT 51 WEEKS
30
25
20
15
10
5
0
28.9
26.3
18.4
10.6
ONE-HALF OF THE DEATHS IN 1ST WEEK - AND
ONE-THIRD OF ALL DEATHS IN FULL 1ST YEAR
OCCUR IN 1ST DAY OF LIFE - CHILD HYGIENE
WORK HAS LITTLE CONTROL OVER THIS.


NEWARK - N J
INFANT MORTALITY
RATE PER 1000 LIV-BIRTHS
UNDER 1 YR. - 1 MO. - 1 WK. - 1 DAY
19 18 22 26 30 34 38 42 46 50 52
100
90
80
70
60
50
40
30
20
10
0
104.7
65.4
39.9
29.0
22.4
8.4
9.1
10.6
NOTE GREAT DECREASE IN
POST-NEO NATAL MORTALITY
"OVER 1 MONTH + UNDER 1 YEAR"
(WHERE INFANT HYGIENE IS EFFECTIVE)
FROM 65.4 TO 6.6
POST NEO NATAL MORTALITY
UNDER 1 YR.
UNDER 1 MO.
UNDER 1 DAY
ACCURATE DATA "UNDER 1 WK" NOT AVAILABLE TIL 1933

HEALTH REPORT - 1952

NEWARK, N. J.

AARON H. HASKIN, M.D., M.P.H. -- HEALTH OFFICER

TO HONORABLE STEPHEN J. MORAN, DIRECTOR OF PUBLIC AFFAIRS

AND TO THE CITIZENS OF NEWARK, N. J.

NEWARK'S HEALTH - 1952

THE CITY OF NEWARK ENJOYED ANOTHER YEAR OF GOOD HEALTH DURING 1952, WITH EXCELLENT HEALTH RATES AND FREEDOM FROM PREVALENCE OF ANY MAJOR CONTAGIOUS DISEASES. ALTHOUGH WE ARE PROUD OF OUR HEALTH PROGRAM AND ITS RESULTS, CONSIDERABLE CREDIT IS DUE THE COOPERATION OF THE GENERAL PUBLIC AND THE MEDICAL PROFESSION AS WELL AS MANY PRIVATE AGENCIES WORKING WITH US.

THERE WERE 5,411 TOTAL DEATHS FROM ALL CAUSES (INCLUDING 964 NON-RESIDENT DEATHS MOSTLY IN NEWARK HOSPITALS) BASED ON AN ESTIMATED POPULATION OF 447,000. INCIDENTALLY THE 1950 CENSUS CONFIRMED OUR ESTIMATE AS THE FIGURE WAS 438,776 IN THAT YEAR. OUR NEGRO ESTIMATE, HOWEVER, WAS VERY LOW AS THE CENSUS SHOWED 75,826 OR 17% OF THE TOTAL. THIS GIVES A CRUDE MORTALITY RATE OF 12.1 PER THOUSAND, A SLIGHT INCREASE OVER THE ELEVEN-YEAR NORMAL OF 11.6. THE INCREASE WAS LARGELY DEGENERATIVE DISEASES, MOSTLY IN THE OLDER AGE BRACKETS. FOR EXAMPLE, ORGANIC HEART DEATHS INCREASED 52 AND APOPLEXY INCREASED 95 DEATHS. THERE WERE ALSO 29 HEAT PROSTRATION DEATHS, A VERY RARE CAUSE IN THIS CITY, AND DUE TO THE HOT, HUMID SUMMER. PRACTICALLY ALL OF THOSE DEATHS WERE IN OLDER INDIVIDUALS.

THERE WERE 13,968 BIRTHS OR A RATE OF 31.7 PER THOUSAND, OR APPROXIMATELY THE SAME AS 1951 AND NOT MUCH BELOW THE RECORD HIGH OF 33.1 IN 1947. THE BIRTH RATE USUALLY INCREASES DURING WAR-TIME AND THEN TAPERS OFF. FOLLOWING THE LAST WAR, HOWEVER, WE HAVE CONTINUED AT A HIGH POINT FOR SEVERAL YEARS.

ITEMS OF SPECIAL INTEREST

TUBERCULOSIS MORTALITY LOWEST EVER

THIS IS THE FOURTH CONSECUTIVE YEAR IN WHICH TUBERCULOSIS MORTALITY HAS ESTABLISHED A NEW RECORD LOW RATE. THERE WERE 152 SUCH DEATHS (LOWEST EVER) OR A RATE OF 34.5 PER HUNDRED THOUSAND, WHICH IS 38% LOWER THAN EVEN THE RECORD LOW OF ONLY FOUR YEARS AGO.

IN CONSIDERING THE HEALTH OF A COMMUNITY, TUBERCULOSIS MORTALITY IS ONE OF THE FIRST RATES TO CONSIDER INASMUCH AS IT IS SO DIRECTLY AFFECTED BY POOR LIVING CONDITIONS, MALNUTRITION, OVERCROWDING AND LOW INCOME. FORTUNATELY, THE DISEASE REQUIRES FREQUENT EXPOSURE TO SPREAD, BUT SURELY IN OVERCROWDED SLUM CONDITIONS, SUCH INTIMATE CONTACT MUST BE INCREASED. THIS RATE IS MUCH HIGHER AMONG NEGROES IN LARGE NORTHERN CITIES DUE TO UNFORTUNATE HOUSING AND ECONOMIC HANDICAPS. WE FIND THAT THE RATE AMONG NEGROES HAS BEEN REDUCED FROM 388 IN 1936 TO 284 IN 1942, 187 IN 1947 AND TO 98.7 IN 1952, (LOWEST EVER) OR A REDUCTION OF ABOUT 75% IN FIFTEEN YEARS AND OVER 50% IN THE PAST FIVE YEARS.

CARE OF THE SICK POOR

AMONG THE FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DEPARTMENT BUT NOT REALIZED BY THE AVERAGE PUBLIC, IS CARE OF THE SICK POOR. A MAJOR PORTION OF OUR ENTIRE BUDGET (MORE THAN 20%, OR $375,000) IS USED FOR THE MEDICAL CARE OF THE SICK POOR. THIS INCLUDES ALL OF THAT WORK OTHER THAN CARE OF PATIENTS ACTUALLY IN HOSPITALS. IT PROVIDES MORE THAN 7,000 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY THE FAMILY HAD THEIR CHOICE OF PHYSICIANS; AND 6,000 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION WHERE PAID FOR BY US. WE CONDUCT A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION, WITH MORE THAN 60,000 TREATMENTS AND 42,000 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED

NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THIS CITY INCLUDING BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN. THESE DENTAL CLINICS FOR CHILDREN ARE LOCATED IN TEN DIFFERENT NEIGHBORHOODS OF THE CITY.

NURSING DENTAL HYGIENE — OUR CHILD HYGIENE NURSES MADE 99,853 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHER HAS THE SERVICES OF A QUALIFIED PHYSICIAN, OR VISITS A BABY-STATION IF THEY CANNOT AFFORD TO PAY A DOCTOR, BUT ALSO TO INSTRUCT AS TO DIET, SANITARY FEEDING PRACTICES, IMMUNIZATION AND MANY OTHER PHYSICAL MATTERS. THEY EVEN INSTRUCT THE MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE INFANTILE BEHAVIOR PROBLEMS, WHICH, IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY, WOULD OFTEN RESULT IN JUVENILE DELINQUENCY AND WARPED ADULT PERSONALITIES. ALL THOSE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD. THIS INFANT INFANCY PROGRAM IS BOTH BY INDIVIDUAL VISITS AND BY GROUP INSTRUCTION. THIS WORK IS PART OF A LARGE IMPORTANT FOR INFANTS PLACED IN FOSTER HOMES, IN WHICH THERE IS, UNFORTUNATELY, A GREAT SHORTAGE OF HOMES WITH PROPER FACILITIES. ALL SUCH HOMES MUST BE APPROVED BY OUR CHILD HYGIENE DIVISION.

FOOD HANDLER LECTURES — TO PREVENT FOOD INFECTIONS, WE NOT ONLY INSPECT FOOD PLACES, BUT OUR DEPARTMENT PROVIDES COMPULSORY LECTURE COURSES FOR FOOD HANDLERS WHICH ARE ATTENDED BY MORE THAN ONE THOUSAND EACH YEAR.

SLUM CLEARANCE — NEWARK, BEING A VERY OLD COMMUNITY, WE HAVE, NATURALLY, DEVELOPED SEVERAL SECTIONS OF LOW GRADE SLUM NEIGHBORHOODS. A SPECIAL PROGRAM OF SLUM CLEARANCE WAS STARTED FOUR YEARS AGO AND IS NOW ACTIVELY CONTINUED WITH THOUSANDS OF VIOLATIONS CORRECTED EACH YEAR. IT INCLUDES INDIVIDUAL INSPECTION OF EVERY SINGLE LIVING UNIT IN ENTIRE SLUM AREAS.

GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,411 OR A RATE OF 12.1 PER THOUSAND. THIS IS AN INCREASE OVER THE 5,161 DEATHS AND A RATE OF 11.5 IN 1951. THE MAJOR INCREASES WERE ORGANIC HEART DISEASES (52), APOPLEXY (95) AND 29 HEAT EXHAUSTION DEATHS. NEWARK IS A HOSPITAL CENTER FOR MANY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK FAR EXCEED THE DEATHS OF NEWARKERS DYING OUT OF TOWN. IF WE SUBTRACT 964 NON-RESIDENT DEATHS BUT INCLUDE 68 KNOWN DEATHS IN OUTSIDE INSTITUTIONS, WE HAVE A TOTAL [illegible], OR AN ADJUSTED RATE OF 10.2.

CRUDE AND ADJUSTED DEATH RATES

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATHS RATE	ADJUSTED DEATHS	ADJUSTED DEATH RATE
1940	429,000	5,025	11.7	4,762	11.1
1941	429,000	4,983	11.6	4,415	10.3
1942	429,000	5,090	11.9	4,659	10.8
1943	440,000	5,523	12.6	5,043	11.5
1944	440,000	5,052	11.6	4,535	10.3
1945	443,000	5,141	11.6	4,586	10.4
1946	443,000	4,937	11.1	4,395	9.9
1947	445,000	5,097	11.2	4,411	9.9
1948	445,000	5,222	11.7	4,382	9.8
1949	443,000	5,086	11.5	4,229	9.5
1950	443,000	5,126	11.5	4,292	9.6
1951	443,000	5,161	11.5	4,249	9.6
1952	440,000	5,411	12.1	4,515	10.2

PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF NEWARK DEATHS INCLUDING NON-RESIDENTS AS WELL AS FOR TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANITORIA WERE AS FOLLOWS:

	1948	1949	1950	1951	1952
ORGANIC HEART DISEASE	1804	1728	1862	1805	1857
CANCER	780	795	791	795	789
APOPLEXY	485	478	428	399	494
CONGENITAL CONDITIONS	317	301	293	322	317
BRIGHT'S DISEASE	276	249	246	259	238
PNEUMONIA & RESPIRATORY DISEASES	235	243	262	235	274
TUBERCULOSIS	232	211	209	169	152

MATERNAL MORTALITY

DEATH OF MOTHERS AT TIME OF DELIVERY NUMBERED 16 OUT OF APPROXIMATELY 14,000 DELIVERIES. THIS GIVES A RATE OF 1.1 PER 1000 DELIVERIES. ALTHOUGH THIS IS AN INCREASE OVER LAST YEAR, IT IS BELOW THE NORMAL FOR THE PAST ELEVEN YEARS AND 60% BELOW THE AVERAGE PRIOR TO 10 YEARS AGO.

MATERNAL DEATHS BY CAUSES	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
TOTAL DEATHS	26	22	18	9	18	16	12	10	15	12	7	16
PUERPERAL SEPTICAEMIA	5	2	4	-	4	2	1	-	1	-	-	1
ECTOPIC PREGNANCY	2	2	-	2	3	1	-	-	-	2	-	2
CAESARIAN SECTION	1	3	3	-	-	3	1	-	-	-	-	3
SELF-INDUCED ABORTION	-	-	-	-	-	-	-	-	1	-	-	-
SPONTANEOUS ABORTION	2	2	-	-	-	-	-	-	1	-	-	
ECLAMPSIA	5	1	2	1	2			-	2	4	-	2
OTHER ACCIDENTS OF PREGNANCY	1	-	4	-	2	3	1	5	1	2	1	4
PLACENTA PRAEVIA	2	-	-		2	-	-	-	1	-	1	-
[illegible] HEMORRHAGE	2	4	2	-	5	2	4	4	3	1	2	2
ACCIDENTAL ABORTIONS	-	-	-	-	-	-	-	-	-	-	-	1
SHOCK FORCE.DEL.BREACH PRES.	1	-	1	-	-		-	-	-	-	-	-
TOXEMIA OF PREGNANCY	3	-	-	-	-	1	-	-	2		2	-
CRIMINAL ABORTION (PUERPERA)	2	2	1	1	-	-	-	-	1		-	-
CARDIAC CON. PREGNANCY	-	4	-	3	-		-	-	1	1	-	-
LOBAR PNEUMONIA	-		-	-	-	-	-	-	-	-	-	-
PULMONARY EMBOLISM	-		1		-		1	-	1	-	-	-
AC. PERIT. FOL. PARTURITION	-	-	-	-	-	-	1		-	-	-	-
SPIN.ANAES.,NORM.REM. OF PLA.	-	-	-	-	-	-	1	-	-	-	-	-
EM.SHOCK RUP.UTERUS NORMDEL	-	-	-	-	-	-	1	1	-	-	-	-
MAT. MORT. PER 1000 DELIV.	2.6	1.8	1.5	0.8	1.5	1.2	0.8	0.7	1.1	0.9	0.5	1.1

ACCIDENT DEATHS

THERE WERE 226 ACCIDENTAL DEATHS IN 1952, A MARKED DECREASE OVER 1951. ACCIDENTAL DEATHS, HOWEVER, HAVE STEADILY DECREASED FROM 1943 WHEN WE HAD 304 SUCH DEATHS. TRAFFIC AND FALLS CAUSE THE BULK OF ACCIDENTAL DEATHS. ALTHOUGH AUTO DEATHS INCREASED FROM 45 TO 50, THE BULK OF INCREASE THIS YEAR WAS DUE TO WEATHER WITH 29 HEAT EXHAUSTION DEATHS.

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941
TOTAL	226	191	194	174	212	200	234	271	270	304	271	235
AUTO & MOTORCYCLE	50	45	40	33	40	36	66	57	77	90	76	69
ACCIDENTAL FALLS	90	85	84	76	78	79	90	107	92	87	99	100
ACCIDENTAL BURNS	9	17	10	2	11	7	12	13	14	19	13	16
ASPHYX.-BED CLOTHES	4	1	4	13	12	12	8	9	3	6	9	6
ALCOHOLISM	-	1	-	1	2	-	2	5	9	8	5	4
POISON-CARBON MONOXIDE	-	-	3	3	1	1	3	3	-	-	-	4
CRUSHING	3	3	1	6	7	3	6	8	2	2	7	7
CONFLAGRATION	8	3	9	9	10	18	8	11	9	9	4	3
DROWNING	8	11	9	5	18	7	5	4	5	13	11	3
ELECTROCUTION	1	-	3	1	-	-	3	1	2	1	1	1
ELEVATOR	-	-	-	-	-	-	-	1	1	-	-	1
HEAT EXHAUSTION	29	-	-	4	8	1	1	1	7	4	1	3
ILLUMINATING GAS	9	7	13	12	14	17	13	23	26	23	16	6
RAILROAD	1	7	5	-	2	5	2	5	5	6	12	2
TROLLEY	-	-	-	-	-	-	-	1	-	3	-	-
US PLANE CRASH	-	-	-	-	-	2	-	-	-	-	-	-
MISCELLANEOUS	14	11	13	8	9	12	15	22	18	33	17	10

BIRTH STATISTICS

BIRTH RATE - 31.7

THERE WERE 13,968 BIRTHS IN NEWARK IN 1952, OR A RATE OF 31.7 PER 1000 POPULATION. THIS RATE APPARENTLY REACHED ITS PEAK IN 1947. AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 5.8 IN 1936, IT RAPIDLY AND STEADILY INCREASED TO THE RECORD HIGH OF 14,710 BIRTHS AND A RATE OF 33.1 IN 1947. THE FOLLOWING TABLE SHOWS THE TREND IN OUR BIRTH RATE AND IT IS PARTICULARLY INTERESTING TO NOTE THAT ALMOST 99% OF BABIES ARE NOW DELIVERED IN HOSPITALS.

1952	TOTAL BIRTHS	13,968	WHITE	11,292	STILLBIRTHS	272
	MALES . . .	7,230	COLORED	2,658	ILLEGITIMATE	562
BIRTHS DATA	FEMALES . .	6,738	YELLOW	18		

YEAR	TOTAL BIRTHS	BIRTH RATE	PHYSICIAN DEL. AT HOME	HOSPITAL DELIV.	MIDWIFE DEL. HOME
1952	13,968	31.7	161	13,783	24
1951	14,020	31.6	133	13,850	37
1950	13,174	29.7	221	12,959	31
1949	13,409	30.3	192	13,174	43
1948	13,703	30.8	223	13,434	46
1947	14,710	33.1	211	14,419	80
1946	13,427	30.3	225	13,094	108
1945	11,254	25.4	273	10,867	114
1944	10,792	24.5	330	10,306	156
1943	11,856	26.9	432	11,230	194
1942	12,016	28.0	376	11,479	161
1941	9,765	22.8	325	9,282	158
1940	8,538	19.9	401	7,952	185
1939	7,950	17.3	401	7,315	234
1938	7,936	17.3	546	7,106	283
1937	7,659	16.7	603	6,682	374
1936	7,236	15.8	778	6,025	433
1935	7,638	16.8	1,047	6,076	515

[illegible]M FROM CONTAGION

THERE WAS NO UNUSUAL PREVALENCE OF CONTAGIOUS DISEASE DURING THE LAST YEAR, EXCEPT THE NON-FATAL GERMAN MEASLES AND A MILD FORM OF MEASLES. INCIDENTALLY, THERE WERE ONLY 8 DEATHS FROM CHILDHOOD CONTAGIONS. THE FOLLOWING TABLE SHOWS THE CASES AND DEATHS FOR THESE DISEASES IN 1952 COMPARED WITH THE 11-YEAR NORMALS. NOTE ONLY DEATH AMONG 11,090 CASES OF MEASLES. THIS DISEASE'S FATALITY HAS BEEN RAPIDLY DROPPING. THIRTY-FIVE YEARS AGO IT AVERAGED 12 DEATHS PER 1000 CASES.

DISEASE	1952		11-YEAR NORMAL	
	CASES	DEATHS	CASES	DEATHS
DIPHTHERIA	1	0	1	0
SCARLET FEVER	206	1	482	0
EPIDEMIC MENINGITIS	10	2	32	2
WHOOPING COUGH	218	1	1088	0
INFANTILE PARALYSIS	29	3	31	1

THE MOST PREVALENT OF THE MINOR NON-FATAL CHILDHOOD DISEASES WERE:

	CASES-1952	CASES-NORMAL
MEASLES	11,090	4,105
CHICKENPOX	3,065	3,632
MUMPS	2,015	2,319
GERMAN MEASLES	2,418	489

NEGRO HEALTH STATISTICS

THE 1952 ESTIMATED NEGRO POPULATION IS 80,000. THIS ALONE CONSTITUTES A RE- [illegible] AS APPROXIMATELY 10% OF THE TOTAL POPULATION WE LEARN BY THE OFFICIAL CENSUS R [illegible] THAT IN 1950 THE FIGURE WAS 75,672, OR [illegible] 6%. ACCORDING TO NATURAL INCREASE (BIRTHS OVER DEATHS) WE MUST HAVE APPROXIMATELY 80,000 IN 1952. THIS GROUP [illegible] UNFORTUNATE HOUSING HANDICAPS NATURALLY REFLECTS HIGHER MORTALITY RATES FOUND IN ANY SUB-PAR AND ESPECIALLY SLUM AREAS. THIS IS PROVEN BY HIGHER RATES IN ALL OF OUR SLUM AREAS.

A STUDY OF THE PAST 15 YEARS, HOWEVER, IS EXTREMELY ENCOURAGING. THE TUBERCULOSIS MORTALITY RATE ALTHOUGH HIGH AS EXPLAINED ABOVE, HAS BEEN REDUCED FROM [illegible] FIFTEEN YEARS AGO, TO 98.7 IN 1952, OR [illegible] DROP OF APPROXIMATELY 75%. INFANT MORTALITY IN THAT SAME PERIOD HAS FALLEN FROM 89.5 TO 57.5, OR 35% REDUCTION. THE GENERAL DEATH RATE FROM ALL CAUSES HAS DROPPED FROM 17.4 IN 19[illegible] TO 11.2 IN 1952 (BOTH BASED ON ACCURATE POPULATION FIGURES), OR A REDUCTION OF 35%. IN FACT, THE NEGRO GENERAL DEATH RATE IS SLIGHTLY LOWER THAN THE RATE FOR THE ENTIRE CITY. THERE WERE 8 MATERNAL DEATHS WHICH IS A MARKED INCREASE OVER THE PREVIOUS FEW YEARS AND A RATE OF 3 PER 1,000 DELIVERIES. THIS COULD WELL BE MERELY COINCIDENT.

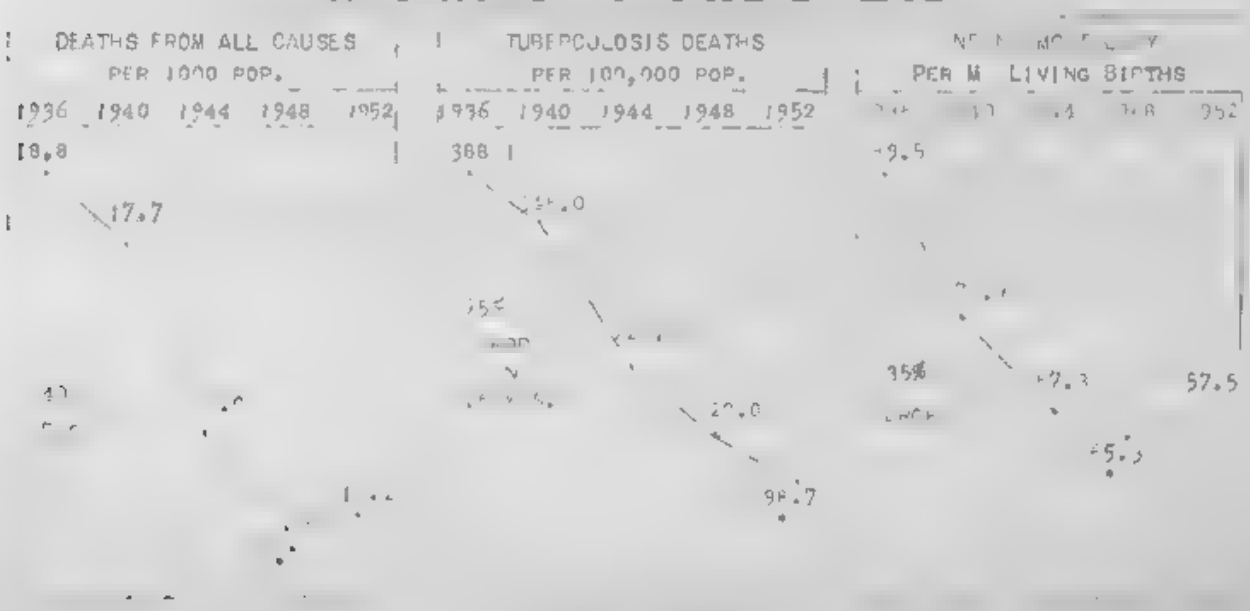
NEGRO BIRTHS TOTAL 2,658 OR A BIRTH RATE OF 31.9 PER 1,000, A SLIGHT DECREASE COMPARED WITH 1951, BUT WELL ABOVE THE NORMAL FOR THE PAST 11 YEARS. THE GENERAL BIRTH RATE FOR THE CITY WAS 31.7.

THE FOLLOWING TABLE SHOWING THE VARIOUS RATES ARE BASED ON CORRECTED POPULATION ESTIMATES. IT WOULD HAVE BEEN UNDESIRABLE TO USE RATES BASED ON OUR FORMER ESTIMATE, SO THAT THIS TABLE WILL BE QUITE DIFFERENT FROM THE SAME TABLE IN PREVIOUS YEARS.

NEGRO HEALTH STATISTICS

YEAR	POP. IN 1000'S	DEATHS	MORT. RATE	BIRTHS	BIRTH RATE	T.B. DEATHS	T.B. MORT.	INFANT DEATHS	INFANT M. RATE	MATERNAL SEPTIC.	MATERNAL DEATHS TOTAL	MATERNAL DT. RATE
1936	42	789	18.8	883	21.0	163	388.1	79	89.5	2	8	9.1
1938	43	690	16.0	997	23.2	131	304.7	62	62.2	1	4	4.0
1940	40	695	17.7	1043	26.1	138	345.0	74	70.9	1	10	10.0
1942	44	721	16.4	1247	28.3	125	284.1	69	54.5	0	1	1.0
1944	52	679	13.0	1326	25.5	119	229.1	76	57.3	0	2	1.6
1946	60	678	11.3	1595	26.6	122	203.3	87	54.5	1	5	3.1
1948	68	835	11.7	2225	32.7	103	151.5	123	55.3	0	2	0.9
1949	72	805	11.2	2261	31.4	92	127.9	140	61.9	1	4	2.2
1950	76	845	11.1	2344	30.9	98	129.0	118	49.9	0	5	2.1
1951	78	826	10.6	2590	33.2	83	106.4	109	42.1	0	1	0.4
1952	80	896	11.2	2658	31.9	79	98.7	153	57.5	0	8	3.0

A GRAPH OFTEN TELLS THE STORY BETTER THAN FIGURES



* LOWEST ON RECORD

EXECUTIVE DIVISION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE EXECUTIVE DIVISION PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE DEPARTMENT FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING; VITAL STATISTICS; PUBLICITY AND HEALTH EDUCATION; PERSONNEL RECORDS AND ASSIGNMENT; CLEANING AND MAINTENANCE; PRINTING AND MULTIGRAPHING; MONTHLY AND ANNUAL REPORTS.

BUREAU OF VISUAL HEALTH EDUCATION

PETER COVEN, SUPERVISOR

OUR HEALTH EDUCATION WORK IS AIDED THROUGH THE FOLLOWING MEDIUMS: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ENTITLED "NEWARK'S HEALTH DEPARTMENT" DESCRIBING THE ACTIVITIES OF THE HEALTH DEPARTMENT; A HOME SAFETY SLIDE SEQUENCE ENTITLED "SAFEGUARD NEWARK'S HOMES", [illegible] HEALTH EXHIBITS. OPERATION OF SCHOOL FOR FOODHANDLERS WHICH INCLUDES LECTURES, FILMS, QUIZZES, AND EXAMINATION, PRESENTATION OF INDIVIDUAL AND ESTABLISHMENT CERTIFICATES; PRESENT HEALTH FILMS AND SLIDES AT CIVIC CLUBS, SCHOOLS, PTA'S, WOMEN'S CLUBS AND OTHERS. SOUND RECORDING OF HEALTH PROGRAMS, HEALTH LECTURES, RADIO PROGRAMS, ETC.

LEGAL WORK

WILTON GOODMAN, L.L.B., SAN. INSP.

HANDLING OF COURT CASES IS GREATLY AIDED BY THE SERVICES OF AN INSPECTOR WHO IS A QUALIFIED LAWYER. HE NOT ONLY COOPERATES WITH THE CITY LAW DEPARTMENT, WHICH OFFICIALLY HANDLES ALL CITY WORK, BUT IS PRESENT AT ALL DIVISIONAL HEARINGS. EACH INSPECTIONAL DIVISION HOLDS FREQUENT HEARINGS BEFORE THE HEALTH OFFICER, CASES ARE DISCUSSED AND DISPOSITION MADE BY THE HEALTH OFFICER. CASES REFERRED FOR COURT ACTION ARE GREATLY REDUCED BY THIS ARRANGEMENT. DURING 1952, 699 CASES WERE TAKEN TO COURT. IN ADDITION TO SECURING ABATEMENTS IN THESE CASES, $2,822.00 IN PENALTIES WERE IMPOSED AGAINST VIOLATORS. COURT CASES THIS YEAR WERE GREATLY REDUCED DUE TO INCREASE IN HEARINGS BEFORE THE HEALTH OFFICER WHICH RESULTED IN MORE VOLUNTARY ABATEMENT.

MAINTENANCE

FRANK LAWSON, CUSTODIAN

CLEANING AND MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS 24 OUTSIDE CLINICS USED FOR BABY-KEEP-WELL STATIONS, TUBERCULOSIS EXAMINATIONS, PRE-NATAL CLINICS AND DENTAL CLINICS.

FINANCE - VITAL STATISTICS

FRANK SHEA, ACCOUNTANT
CORA N. KIMBALL, STATISTICAL CLERK

IMMEDIATELY FOLLOWING ARE THE FINANCIAL STATEMENT AND THE VITAL STATISTICS TABLES OF MAJOR PUBLIC HEALTH INTEREST.

FINANCIAL STATEMENT - 1952

	BUDGET	EXPENDITURES
PERSONAL SERVICE - SALARIES	$1,731,657.00	$1,645,856.44
OTHER THAN PERSONAL SERVICE	53,620.00	153,620.00
TOTAL	$1,885,277.00	$1,799,476.44 (A)

FURNITURE, FILES, TYPEWRITERS, ELECTRICAL FIXTURES	$ 10,792.59	
DRUGS AND SURGICAL SUPPLIES	24,725.50	
X-RAY SUPPLIES AND PROJECTS	13,827.31	
STATIONERY AND PRINTING	6,600.00	
JANITOR SUPPLIES, PAINTS & UNIFORMS	3,200.00	
LABORATORY AND SURGICAL SUPPLIES	5,800.00	
RENTS, TAXES, ANNEXES, BABY STATIONS	20,252.00	
RENTAL OF BUSINESS MACHINE	588.00	
POSTAGE, POST CARDS, STAMPED ENVELOPES	5,000.00	
TELEPHONE SWITCHBOARD SERVICES	8,900.00	
COAL, LIGHT AND HEAT	8,500.00	
AUTOMOBILE, MOTORCYCLE SUPPLIES AND REPAIRS	7,[illegible]00.00	
EQUIPMENT REPAIR	1,910.00	
HOME DOCTOR VISITS - INDIGENT	13,600.00	
HOME SICK VISITS (V.N.A.)	13,500.00	
INSURANCE, COMPENSATION, FIRE AND THEFT	5,700.00	
VISUAL HEALTH EDUCATION	1,300.00	
IN-SERVICE TRAINING	500.00	
NIGHT WATCH FIRE ALARM SERVICE	749.60	
SCORING DAIRIES EXPENSE, MILK & FOOD SAMPLES	700.00	
LICENSE PLATES, TAGS AND BADGES	375.00	$153,620.00

RECEIPTS

PERMITS	ANIMAL	$ .50
"	CHICKEN	136.00
"	CHICKEN SLAUGHTER HOUSE	870.00
"	PLUMBING	7,075.50
LICENSES	ICE	247.50
"	MILK	4,890.50
"	PLUMBING	3,055.00
"	REFUSE	54.00
"	LIVE POULTRY	80.00
FEES	REAL ESTATE SANITARY INSPECTION	20.00
"	PLUMBERS EXAMINATIONS	625.00
"	BACTERIOLOGICAL EXAMINATIONS	195.50
"	OUT-OF-TOWN TREATMENTS - CLINICS	142.50
"	OUT-OF-TOWN LABORATORY TESTS	2,970.00
MISC.	CASH SALE PRESCRIPTION BOTTLES	175.70
"	CASH SALE POSTAGE & PHONE CALLS	62.69
"	CASH SALE DAIRY SCORE PADS, OLD FILM, JUNK AUTOMOBILES	353.95

DEPOSITED WITH CITY COMPTROLLER AS MISC. REVENUE . . . $20,954.34 (B)

FEES RECEIVED FROM MILK PRODUCERS CREDITED TO "DAIRY INSPECTION ACCOUNT", USED FOR TRAVEL AND OTHER EXPENSE IN SUPERVISING OUR MILK SUPPLY $15,972.76

NOTE - (A) THERE WAS A SURPLUS OF $85,800.56 IN SALARIES.

(B) RECEIPTS ARE NOT REFLECTED IN OUR BUDGET.

OTHER MORTALITY TREND[illegible] 1894

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATH RATE PER 1,000	RATES PER 100,000 SCARLET FEVER	TYPHOID FEVER	DIPHTHERIA	INFANT MORTALITY RATE UNDER MO.	1 - 2 MONTHS	UNDER 1 YR.
1894	203,923	4,543	22.28	33.8	16.7	[illegible]			
1895	215,725	4,6[illegible]5	2[illegible].37	16.2	23.2	128.6			
1896	225,000	4,716	21.96	7.6	20.9	96.9			
1897	230,000	4,[illegible]	17.43	23.5	4.3	59.6			
1898	235,000	4,303	18.30	6.4	7.4	56.6			
1899	24[illegible],000	3,537	8.90	14.2	25.0	51.7			
900	246,[illegible]	5,006	20.34	22.4	20.3	58.[illegible]			
901	250,000	4,876	19.22	9.2	22.8	4[illegible].2			
1902	255,000	4,943	19.38	18.0	8.4	41.2			
1903	266,000	4,923	8.50	26.7	23.7	45.1			
1904	272,000	5,378	19.77	44.1	14.7	55.[illegible]			
1905	283,239	5,025	7.74	15.9	14.1	38.8			
906	290,000	5,551	19.[illegible]4	11.7	17.2	34.1			
907	300,000	5,724	19.08	3.7	23.0	3[illegible].7			
1908	305,000	5,207	7.07	29.2	11.5	2[illegible].6			
909	31[illegible],000	5,529	17.77	22.5	2.5	38.8			
9[illegible]0	347,469	5,764	16.64	11.2	2.7	29.9			
191[illegible]	352,000	5,337	5.16	6.0	10.5	2[illegible].0			
1912	370,000	5,423	14.65	3.0	7.0	24.6			
1913	380,000	5,562	14.63	6.9	7.9	26.0	38.8	54.2	93.0
9[illegible]4	395,000	5,809	14.70	6.8	6.6	10.4	36.9	59.9	96.8
915	375,000	5,382	14.30	1.6	2.9	13.1	36.4	48.9	85.3
1916	385,000	6,357	16.50	1.8	6.0	14.8	38.0	51.6	89.6
1917	405,000	6,205	15.30	0.7	4.2	12.3	38.9	48.9	87.8
19[illegible]8	430,000	8,483	19.72	2.6	3.5	19.1	39.3	65.4	104.7
1919	440,000	5,534	12.57	2.7	2.0	11.3	33.1	43.1	76.2
1920	414,216	5,551	13.40	2.5	.9	4.9	38.7	46.0	84.7
1921	425,000	4,774	11.24	5.9	2.8	10.4	36.4	35.1	7[illegible].5
1922	432,0[illegible]	5,209	12.06	3.5	2.8	16.9	35.3	39.5	74.8
1923	439,000	5,221	1.67	1.1	2.5	7.7	36.0	32.0	68.0
1924	446,000	5,004	11.22	1.8	2.7	8.7	32.3	32.9	65.2
925	453,000	5,310	11.67	2.0	1.1	9.3	30.3	38.4	68.7
1926	460,000	5,450	.85	1.3	1.5	4.6	35.5	36.4	71.9
1927	467,0[illegible]	5,086	10.90	2.6	1.3	3.3	34.8	28.5	63.3
1928	474,000	5,512	11.63	1.3	1.0	20.0	34.8	29.[illegible]	63.9
929	480,000	5,632	11.74	.8	0.6	20.0	3[illegible].2	28.4	59.6
1930	440,000	5,233	11.92	.7	0.2	17.9	27.9	24.2	52.1
1931	445,[illegible]	5,073	.40	2.0	4.5	3.6	30.0	21.5	51.5
1932	450,000	4,682	10.40	.7	0.9	0.5	25.5	16.7	42.2
1933	452,[illegible]	4,930	10.91	0.9	0.5	0.2	24.8	20.3	45.1
1934	454,000	4,764	10.49	0.4	0.2	0.2	27.2	18.[illegible]	45.2
1935	455,000	4,996	10.56	0.2	0.0	0.2	32.9	21.7	54.6
936	457,000	5,331	11.18	1.5	0.2	NONE	27.5	18.4	45.9
1937	458,000	5,061	11.00	0.2	0.0	0.2	21.8	5.7	37.5
1938	458,000	4,973	10.85	0.2	0.4	0.2	24.6	14.5	39.1
1939	459,000	4,855	10.58	0.9	0.9	0.2	24.3	13.8	38.1
1940	429,000	5,025	1.71	NONE	NONE	NONE	24.7	10.4	35.[illegible]
1941	429,000	5,127	11.62	NONE	NONE	NONE	23.2	9.4	32.6
1942	429,000	5,256	11.86	0.2	NONE	NONE	21.9	7.4	29.3
1943	440,000	5,702	12.55	0.2	NONE	0.2	21.5	9.4	30.9
1944	440,000	5,201	11.48	0.2	NONE	NONE	25.0	9.7	34.7
1945	443,000	5,292	1[illegible].60	0.2	0.4	NONE	22.7	12.0	34.7
1946	443,000	4,937	11.14	NONE	NONE	NONE	23.8	7.2	31.0
1947	445,000	5,097	1[illegible].54	NONE	NONE	NONE	22.5	6.7	29.2
1948	445,000	5,087	11.43	NONE	NONE	NONE	22.5	5.8	28.3
1949	443,000	4,983	11.25	NONE	NONE	NONE	2[illegible].9	7.1	29.0
1950	443,000	5,126	11.57	NONE	NONE	NONE	21.8	5.3	27.1
1951	443,000	5,161	11.46	NONE	NONE	NONE	2[illegible].8	5.3	27.0
1952	440,000	5,4[illegible]	12.14		NONE	[illegible]	[illegible].4	[illegible]	[illegible]

TOTAL DEATHS BY AGE GROUPS 1918-1952

YEAR	TOTAL DEATHS	UNDER 1 YR.	1 AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	15-24	25-44	45-64	65 OVER
1918	8484	1215	433	434	2082	314	790	2308	754	2[illegible]
1919	5534	862	190	186	238	249	345	274	1376	22
1920	5551	994	253	192	1439	220	327	941	479	45
1921	4776	837	136	134	1107	194	248	910	256	[illegible]
1922	5209	822	98	114	1186	232	268	925	1214	184
1923	5221	756	163	36	1055	96	305	872	503	1290
1924	5[illegible]	746	130	139	[illegible]5	99	268	975	1470	64
1925	5447	746	132	144	1022	206	273	1018	1640	1288
1926	5606	753	187	158	1098	156	277	1015	1618	412
1927	5296	636	109	112	857	210	277	974	1724	254
1928	5735	626	156	186	968	245	304	1002	1794	422
1929	5857	594	104	152	850	192	308	1162	1768	1577
1930	5447	512	83	9	714	88	327	937	1786	1393
1931	5306	490	64	98	652	172	252	1025	1747	458
1932	4850	371	41	73	485	128	228	890	1677	1442
1933	5128	356	68	96	520	141	215	914	1775	1[illegible]3
1934	4921	342	54	54	450	117	192	824	1779	1[illegible]59
1935	4996	417	46	60	523	117	190	864	1788	1514
1936	5331	332	45	45	422	116	208	861	1892	832
1937	5256	287	51	61	400	115	202	812	1877	1750
1938	5116	310	29	45	384	86	179	751	1845	187
1939	5005	303	23	24	350	97	168	704	1777	1939
1940	5207	300	26	33	359	55	160	703	1934	1988
1941	5127	318	30	34	382	62	138	639	1948	1958
1942	5256	352	25	36	413	50	151	682	1935	2025
1943	5702	367	24	44	435	66	148	669	2074	2313
1944	5201	375	24	29	428	67	113	618	1904	2071
1945	5292	390	24	31	445	75	124	564	1933	2[illegible]
1946	5078	4[illegible]6	14	3	461	5	2	561	181	2083
1947	5238	429	24	33	486	32	98	591	1898	2[illegible]53
1948	5222	388	22	21	431	29	73	502	1949	2237
1949	5086	389	22	28	439	33	86	472	1825	223[illegible]
1950	5279	357	22	24	403	25	84	5[illegible]5	928	2254
1951	5161	379	19	29	427	38	56	495	1855	2290
1952	5411	405	15	28	448	37	61	538	1956	[illegible]

"TOTAL DEATHS" INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT AS WELL AS DEATHS OF NEWARKERS AT SOHO AND VERONA.

DEATHS AND DEATH RATES BY CAUSE AND EPOCH - 1951-1952

	TOTAL				NEGRO			
	1951		1952		1951		1952	
	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	11.5	5[illegible]6	12.3	541[illegible]	0.6	826	11.2	492
INFANTILE PARALYSIS	0.2		.4	3	-	-	-	-
TYPHOID FEVER	-	-	-	-	-	-	-	-
MALARIA	-	-	-	-	-	-	-	-
SMALLPOX	-	-	-	-	-	-	-	-
MEASLES	-	-	.2	1	-	-	-	-
SCARLET FEVER	-	-	.2	1	-	-	1.2	1
WHOOPING COUGH	-	-	.2		-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-
INFLUENZA	.7	3	.5	2	-	-	-	-
EPIDEM.MENING.(CER.SPIN.)	0.4	2	.5	2	-	-	-	-
OTHER EPIDEMIC DISEASES	-	-	-	-	-	-	-	-
TUBERCULOSIS OF LUNGS	32.1	142	30.5	134	87.0	63	82.5	66
TUBERCULOSIS MENINGITIS	2.7	12	1.8	8	1[illegible].5	9	8.7	7
OTHER TUBERCULOSIS	3.4	15	2.2	10	14.1	11	7.5	6
CANCER, MALIGNANT TUMOR	179.5	795	179.3	789	118.0	92	101.2	1[illegible]
SIMPLE MENINGITIS	1.8	8	2.2	10	5.1	4	.5	
APOPLEXY-SOFT. OF BRAIN	90.1	399	112.3	494	56.4	44	91.2	73
ORGANIC HEART DISEASE	470.4	1805	422.0	1857	265.3	207	271.2	217
BRONCHITIS	2.0	9	2.7	12	1.3	1	3.7	3
PNEUMONIA, LOBAR	12.0	53	13.8	61	14.1	11	20.0	16
PNEUMONIA, BRONCHO	15.8	70	19.8	87	21.8	7	23.8	1[illegible]
OTHER RESPIRATORY DIS.	25.3	1[illegible]	28.6	126	16.6	13	17.5	1[illegible]
STOMACH (CANCER EXCEPTED)	9.5	42	7.0	31	6.4	5	3.7	3
DIARRHOEA (UNDER 5 YEARS)	0.5	2	1.5	6	1.3	1	5.0	4
APPENDICITIS & TYPHLITIS	.0	6	2.4	11	2.6	2	2.5	2
HERNIA, INTEST. OBSTRUC.	9.3	41	12.7	56	.5	9	7.5	6
CIRRHOSIS OF LIVER	5.6	69	15.8	70	8.9	7	3.7	3
BRIGHT'S DIS. & NEPHRITIS	68.5	259	54.1	238	73.1	57	62.5	50
DIS. OF WOMEN (NOT CANCER)	0.2	1	.2	1	-	-	-	-
PUERPERAL SEPTICAEMIA	-	-	.2	1	-	-	-	-
OTHER PUERPERAL DISEASES	1.6	7	3.6	15	1.3	1	10.0	8
CONG. DEBILITY & MALF.	72.7	322	72.1	317	106.4	83	143.8	115
OLD AGE	1.8	8	1.5	6	3.8	3	1.2	1
ACCIDENT	43.1	9[illegible]	51.3	226	55.1	43	50.0	40
HOMICIDE	5.9	26	7.7	34	17.9	14	3[illegible]3	25
SUICIDE	8.8	39	7.3	32	6.4	5	2.5	2
ILL-DEFINED CAUSES	14.4	64	12.0	53	25.6	20	22.5	18
ALL OTHER CAUSES	18.5	658	162.3	7[illegible]6	133.3	104	55.0	4[illegible]

DEATHS - CERTAIN CAUSES IN AGE GROUPS - 1952

CAUSES OF DEATH	TOTAL DEATHS	UNDER 5 DEATHS	%	5 TO 24 DEATHS	%	25 TO 44 DEATHS	%	45 TO 64 DEATHS	%	65 & OVER DEATHS	%
TOTALS	5[illegible]11	448	8.3	98	1.8	538	9.9	1956	36.2	2372	43.8
MEASLES	1			1							
WHOOPING COUGH	1			1							
DIARRHOEAL DIS.	6	6									
EEARLY INFANCY	317	317									
INFLUENZA	2									2	
PNEUMONIA	148	35	23.6			14	9.5	38	25.7	61	41.2
BRONCHITIS	12	7	58.3	1	8.3			1	8.3	3	25.0
PULMONARY T.B.	134	1	0.7	0	7.5	44	32.8	65	48.5	14	1[illegible].5
BRIGHT'S DIS.	238			12	5.[illegible]	32	13.5	84	35.3	110	46.2
CANCER	789	1	0.	4	0.5	67	8.5	378	47.9	339	43.0
APOPLEXY	494			2	0.[illegible]	24	4.9	82	36.8	286	57.9
ORGANIC HEART	1857	2	0.1	9	0.5	102	5.5	710	38.2	03[illegible]	55.7
ACCIDENTS	226	14	6.2	10	4.4	47	20.8	69	30.5	86	38.1

DEATHS BY SPECIAL CAUSES - 1942 - 1952

	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
TOTAL - ALL CAUSES	541[illegible]	5161	5213	5086	5222	5238	5378	5292	5231	5702	5256
INFANTILE PARALYSIS	3	1	4	5	2	-	4	7	3	-	2
TYPHOID FEVER	-	-	-	-	-	-	-	2	-	-	-
ERYSIPELAS	-	-	-	-	1	-	-	-	-	-	-
MEASLES	1	-	-	-	1	-	2	-	1	1	4
TETANUS	-	-	-	-	2	-	-	-	-	-	-
SCARLET FEVER	1	-	-	-	-	-	-	1	1	1	1
MUMPS	-	-	-	-	1	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-	-	1	-
WHOOPING COUGH	1	-	-	-	-	1	1	1	-	2	5
INFLUENZA	2	3	1	-	4	4	4	7	12	23	5
EPIDEM. MENING. (CRSP)	2	2	-	4	2	3	7	11	17	27	5
OTHER EPIDEMIC DISEASES	-	-	-	-	-	2	2	-	-	-	-
T. B. OF LUNGS	134	142	184	188	214	239	229	225	237	266	261
T. B. MENINGITIS	8	12	7	10	8	8	13	11	4	7	1
OTHER TUBERCULOSIS	10	15	18	13	10	12	19	11	10	21	6
CANCER & MALIG. TUMOR	789	795	791	795	780	781	735	708	708	655	601
SIMPLE MENINGITIS	10	8	11	6	8	9	9	15	22	17	25
APOPLEXY-SOFT.BRAIN	494	399	428	476	485	498	463	486	421	43[illegible]	425
ORGANIC HEART DISEASE	1857	1805	1862	1728	804	1724	1663	1764	1744	1975	1756
BRONCHITIS	12	9	7	15	10	9	10	6	8	5	11
LOBAR PNEUMONIA	61	53	75	57	55	71	93	105	4[illegible]	176	144
BRONCHO PNEUMONIA	87	70	88	94	78	89	96	111	120	62	102
OTHER RESPIRATORY DISEASES	126	112	99	92	103	111	113	81	68	134	84
DISEASES OF STOMACH	31	42	22	43	33	25	19	32	34	48	34
DIARRHOEA (UNDER 5)	6	2	8	11	2	13	3	10	2[illegible]	1[illegible]	12
APPENDIC. & TYPHILITIS	11	6	6	19	7	11	19	29	25	31	34
HERNIA & INTEST. OBST.	56	41	91	40	36	39	36	44	62	75	67
CIRRHOSIS OF LIVER	70	69	71	59	77	55	51	49	48	40	34
BRIGHT'S DIS. & NEPHRITIS	238	259	246	249	276	281	245	274	271	276	223
DIS. OF WOMEN (NOT CANCER)	1	1	2	1	4	5	7	7	7	7	13
PUERPERAL SEPTICAEMIA	1	-	-	1	-	1	2	4	-	4	2
OTHER PUERPERAL DISEASES	15	7	10	14	10	11	14	14	9	14	20
CONG. DEB. & MALF.	317	322	299	301	317	337	33[illegible]	285	278	257	262
OLD AGE	6	8	19	6	17	19	13	18	29	46	30
ACCIDENTS	226	191	194	174	212	200	234	271	270	304	271
HOMICIDES	34	26	19	28	29	23	28	13	18	22	22
SUICIDES	32	39	59	46	54	51	42	47	42	55	66
ILL-DEFINED	53	64	60	36	44	63	54	79	32	30	42
ALL OTHER CAUSES	716	658	598	573	536	543	517	564	557	582	57[illegible]
RATE PER 1000 POP.	12.[illegible]	[illegible].5	[illegible].6	[illegible].2	11.4	[illegible].5	11.1	11.6	11.5	12.6	11.9

TUBERCULOSIS STATISTICS - WHITE AND COLORED

YEAR	POPULATION (1000'S) TOTAL	WHT	COL	REPORTED CASES WHT	COL	DEATHS WHT	COL	MORBIDITY RATE PER 100,000 WHITE	COLORED	MORTALITY RATE PER 100,000 WHITE	COLORED
1922	432	4[illegible]5	17	1044	144	352	74	251.3	822.0	84.4	422.0
1924	446	424	22	749	148	310	76	76.7	672.0	73.1	345.4
1926	460	433	27	780	229	324	97	180.[illegible]	849.0	74.1	359.2
1928	474	442	32	7[illegible]4	215	306	105	161.6	671.0	69.2	328.1
1930	440	402	38	681	309	262	178	169.4	813.0	65.1	468.4
1932	450	410	40	532	245	195	165	129.7	612.6	47.6	412.5
1934	454	414	40	447	217	186	24	107.9	542.5	44.9	3[illegible]0.0
1936	457	415	42	42[illegible]	213	82	63	105.7	507.	43.8	388.
1938	458	415	43	395	203	54	131	95.2	472.0	37.1	304.0
1940	429	389	40	4[illegible]0	85	1[illegible]9	30	102.9	455.1	43.7	345.[illegible]
1942	429	385	44	474	95	61	195	23.[illegible]	443.2	4[illegible].8	23[illegible].1
1944	440	388	52	371	207	35	[illegible]5	95.6	399.1	34.9	22[illegible].9
1946	443	383	60	362	2[illegible]2	138	22	94.9	353.5	36.1	203.3
1948	445	377	68	3[illegible]3	22[illegible]	[illegible]29	103	63.0	329.2	31.5	51.1
1950	443	367	76	278	315	[illegible]0	98	75.7	322.3	37.[illegible]	[illegible].2 [illegible].9
1952	440	360	80	233	240	72	79	60.4	300.0	20.0	98.7

BIRTHS BY ATTENDANT AND PLACE OF DELIVERY 1915-1952

(ALTERNATE YEARS TO SHOW TREND)

YEAR	TOTAL BIRTHS	NON-RESIDENT BIRTHS	HOSPITAL DELIVERIES	HOME DELIVERIES PHYSICIAN	HOME DELIVERIES MIDWIFE	NO ATTENDANT	TOTAL BIRTHS DELIVERED IN HOSP.
1915	10,955	238	1,295	4,243	5,414	9	11.8%
1917	11,850	381	1,956	4,195	5,696	3	16.5%
1919	11,315	554	-	-	5,148	0	-
1921	11,705	-	-	-	4,470	0	-
1923	11,111	-	-	-	3,552	0	-
1925	10,852	1,258	4,845	3,208	2,799	0	44.6%
1927	10,042	1,246	4,995	2,709	2,338	0	49.7%
1929	9,965	1,822	5,805	2,436	1,724	0	58.3%
1931	9,506	2,137	6,824	1,491	1,191	0	7 .8%
1933	7,897	1,703	6,195	986	716	0	78.4%
1935	7,638	1,812	6,076	1,047	515	0	79.5%
1937	7,659	1,956	6,682	603	374	0	87.2%
1939	7,950	2,180	7,315	401	234	0	92.1%
1941	9,765	3,162	9,282	325	158	0	95.1%
1943	11,856	3,978	1.,230	432	194	0	94.7%
1945	11,254	3,916	10,867	272	115	0	96. %
1947	14,710	5,206	14,4:9	211	80	0	98.0%
1949	13,409	4,881	13,174	192	43	0	98.2%
1950	13,174	4,977	12,969	171	34	0	98.4%
1951	14,020	5,701	13,850	133	37	0	98.8%
1952	13,968	5,683	13,783	.61	24	0	.

INFANT MORTALITY BY COLOR

(ALTERNATE YEARS TO SHOW TREND)

YEAR	WHITE NF.MORT. RATE	COL. NF.MORT. RATE	WHITE POST NEONATAL MORT. RATE *	COLORED POST NEONATAL MORT. RATE *	WHITE NEONATAL MORT. RATE	COL. NEONATAL MORT. RATE
1920	81.0	162.4	43.6	96.0	37.4	66.4
1921	67.9	132.4	32.4	79.4	35.5	54 5
1923	65.0	112.4	29.7	66.1	35.3	46.3
1925	61.0	155.1	33.8	89.9	27.2	65.2
1927	54.7	140.5	25.1	59.9	29.6	8[illegible]
1929	49.8	138.7	23.2	79.3	26.6	68.4
1931	46.3	95.5	21.8	45.8	24.5	49.7
1933	39.1	91.1	17.2	42.8	21.9	48.3
1935	50.7	84.8	18.6	45.9	32.1	38.9
1937	34.5	61.5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	18.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	4[illegible]
1943	27.6	59.6	6.9	31.4	20.7	28.3
1945	31.7	54.6	10.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	44 7
1950	22.2	49.7	4.4	9.4	17.8	4 .3
1951	23.6	42.1	4.0	10.8	19.6	3 3
1952	22.3	57.6	4.8	14.3	17.5	. .

* OVER ONE MONTH BUT UNDER ONE YEAR

DEATHS PER ONE YEAR BY CAUSES - 1918 - 1952

YEAR	MEASLES	BRONCHITIS	PNEUMONIA	MENINGITIS	DIARRHOEA	OTHER CONTAG. DISEASES	EARLY INF. CONG. DEB. PREMATUR.	ALL OTHERS	TOTAL
1918	33	84	156	30	273	89	442	112	1213
1919	2	42	87	24	244	27	345	91	862
1920	16	57	143	19	191	66	402	100	994
1921	5	38	83	12	178	27	403	91	837
1922	14	44	128	1	153	22	352	98	812
1923	15	32	94	10	105	21	376	103	756
1924	4	38	106	17	115	24	356	86	746
1925	2	26	99	11	105	23	376	103	746
1926	17	18	142	5	102	16	383	70	753
1927	0	13	91	10	70	28	357	67	636
1928	11	8	97	12	68	19	356	55	626
1929	0	14	121	8	43	28	307	73	594
1930	4	9	95	10	33	0	278	73	512
1931	0	10	86	17	30	21	273	53	490
1932	0	2	67	5	13	12	232	40	371
1933	2	2	75	2	18	10	191	56	356
1934	0	2	52	5	23	2	221	37	342
1935	3	3	59	7	22	16	264	43	417
1936	0	5	51	10	13	9	202	42	332
1937	4	0	47	1	26	6	167	36	287
1938	0	3	40	3	10	10	211	33	310
1939	0	2	28	1	18	6	201	47	303
1940	0	1	26	4	14	0	223	32	300
1941	1	0	23	7	10	5	241	31	318
1942	2	1	41	3	8	2	260	35	352
1943	0	1	41	5	14	5	255	46	367
1944	0	1	43	8	23	3	275	22	375
1945	0	1	56	3	8	3	280	39	390
1946	0	0	44	3	3	4	330	32	416
1947	0	2	30	2	13	2	333	47	429
1948	0	0	26	1	2	1	315	43	388
1949	0	2	37	3	8	1	298	40	389
1950	0	2	28	1	8	0	288	30	357
1951	0	0	26	7	2	1	316	27	379
1952	0	6	32	5	4	0	316	42	405

BIRTHS & INFANT MORTALITY RATES BY WARDS - 1952

WARDS	TOTAL BIRTHS	TOTAL COLORED BIRTHS	% TOTAL BIRTHS COLORED	TOTAL DEATHS UNDER 1 YEAR	INFANT MORTALITY
1	400	68	17.0%	30	75.0
2	197	102	51.8%	15	76.1
3	726	641	88.3%	37	51.0
4	100	54	54.0%	6	60.0
5	284	38	13.4%	8	28.2
6	414	164	39.6%	18	43.5
7	323	199	61.6%	23	71.2
8	956	74	7.7%	36	37.7
9	1177	304	25.8%	23	19.5
10	355	80	22.5%	16	45.1
11	490	87	17.8%	17	34.7
12	359	35	9.7%	11	30.6
13	814	31	3.8%	17	20.9
14	594	256	43.1%	26	43.8
15	327	144	44.0%	13	39.8
16	769	198	25.7%	20	26.0
O.B.	5883	183	3.2%	89	15.7
TOTAL	13968	2628	19.0%	405	29.0

BIRTH & DEATH [illegible] BY AREA & COLOR 1952

	AREA	POPULATION	DEATHS	CRUDE DEATH RATE	BIRTHS	BIRTH RATE	DEATHS UNDER 1 YR.	INFANT DEATH RATE
TOTAL	1	26,500	185	6.9	400	15.1	30	75.0
	2	10,200	183	17.9	197	19.3	15	76.1
	3	34,000	376	11.0	726	21.3	37	51.0
	4	5,000	116	23.2	100	20.0	6	60.0
	5	17,000	141	8.3	284	16.7	8	28.2
	6	18,400	224	12.2	414	22.5	18	43.5
	7	13,400	175	13.1	323	24.1	23	71.2
	8	39,000	436	11.2	956	24.5	36	37.7
	9	56,000	627	11.2	1177	21.0	23	19.5
	10	20,000	157	7.8	355	17.7	16	45.1
	11	29,000	281	9.7	490	16.9	17	34.7
	12	21,000	218	10.4	359	17.1	11	30.6
	13	57,500	484	8.4	814	14.1	17	20.9
	14	33,000	275	8.3	594	18.0	26	43.8
	15	3,000	25	9.6	327	25.1	13	39.7
	16	[illegible]	354	8.2	769	17.0	20	26.0
	NON-RESIDENT		96		5683		89	
	UNKNOWN		60					
	TOTAL	[illegible]	54[illegible]	12.2	[illegible]	3[illegible].7	405	[illegible]
COLORED	1	2,500	43	17.2	68	27.2	12	176.5
	2	4,200	44	10.5	102	24.3	10	9[illegible]
	3	30,000	263	8.8	641	21.3	33	51.5
	4	2,000	24	12.0	54	27.0	4	74.1
	5	800	13	16.2	38	47.5	-	-
	6	4,400	52	11.8	164	37.3	8	48.8
	7	7,400	107	14.4	199	26.9	15	75.4
	8	2,200	23	10.4	74	33.6	7	94.9
	9	6,000	71	11.8	304	50.7	10	32.9
	10	1,900	23	12.1	80	42.1	8	100.0
	11	1,500	22	14.7	87	58.0	7	80.5
	12	400	11	27.5	35	87.5	3	85.7
	13	500	6	4.0	31	20.6	3	96.8
	14	8,200	70	8.5	256	31.2	11	42.9
	15	3,500	30	8.6	144	41.1	10	69.4
	16	3,500	41	11.7	198	56.6	9	45.5
	NON-RESIDENT		32		183		3	
	UNKNOWN		22					
	TOTAL	80,000	896	[illegible].2	2658	33.0	53	57.5
WHITE	1	24,000	142	6.0	332	13.8	18	54.2
	2	6,000	139	23.1	95	15.8	5	52.6
	3	4,000	113	28.2	85	21.3	4	47.1
	4	3,000	92	30.7	46	15.3	2	43.5
	5	16,200	128	7.9	246	15.2	8	32.5
	6	14,000	172	12.3	250	17.9	10	40.0
	7	6,000	68	11.3	124	20.6	8	64.5
	8	36,800	413	11.2	882	24.0	29	32.9
	9	50,000	556	11.1	873	17.5	13	14.9
	10	18,100	134	7.4	275	15.2	8	29.1
	11	27,500	259	9.4	403	14.7	10	24.8
	12	20,600	207	10.0	324	15.7	8	24.7
	13	56,000	478	8.5	783	14.0	14	17.9
	14	24,800	205	8.2	338	13.6	15	44.4
	15	9,500	95	10.0	183	19.3	3	16.4
	16	43,500	343	7.9	571	13.1	11	18.8
	NON-RESIDENT		233		5500		86	
	UNKNOWN		8					
	TOTAL	[illegible],000	45[illegible]	12.5	11310	29.0	252	22.3

TUBERCULOSIS BY WARDS, 1952 MORBIDITY & MORTALITY

(NOTE) AS USUAL THE HIGHEST RATES ARE IN THE 2ND, 3RD, 4TH AND 7TH WARDS, WHERE THE WORST SLUMS ARE LOCATED OR WHERE POPULATION IS MAINLY OF THE TRANSIENT "CHEAP ROOMING HOUSE" TYPE.

WARD	POPULATION (ESTIMATED) WHITE	COLORED	TOTAL	REPORTED CASES WHITE	COL.	TOTAL	TOTAL MORBIDITY RATE PER CM	DEATHS WHITE	COL.	TOTAL	TOTAL MORTALITY RATE PER CM
1	24000	2500	26500	9	6	15	56	3	5	8	33
2	6000	4200	10200	22	19	41	410	7	1	8	78
3	4000	30000	34000	5	75	80	235	3	32	35	104
4	3000	2000	5000	22	12	34	780	6	5	1	220
5	16200	800	17000	13	5	18	106	2	1	3	18
6	14000	4400	18400	10	11	21	117	3	3	6	33
7	6000	7400	13400	2	22	24	184	3	10	13	98
8	36800	2200	39000	20	5	25	64	5	0	5	12
9	50000	6000	56000	29	24	53	94	5	6	11	20
10	18100	1900	20000	7	3	10	50	2	1	3	15
11	27500	1500	29000	20	13	33	113	8	2	10	33
12	20600	400	21000	14	3	17	63	7	0	7	34
13	56000	1500	57500	24	25	29	51	3	0	3	5
14	24800	8200	33000	10	20	30	91	5	10	15	45
15	9500	3500	13000	1	4	5	30	3	1	4	30
16	43500	3500	47000	22	12	34	69	5	2	7	14
NR				10	1	11					
UNK.								3	0	3	
TOTAL	360000	80000	440000	240	240	480	109	73	79	152	345

INFANT MORTALITY RATES (1ST DAY-1ST MO. ETC.)

1914 - 1952 (EVERY 3RD YR)

YEAR	UNDER 1-DAY	OVER ONE DAY BUT UNDER 1 WK.	UNDER 1-WK.	OVER ONE WEEK BUT UNDER 1 MO.	UNDER 1-MO.	OVER ONE MONTH BUT UNDER 1 YR.	UNDER 1-YR.
* 1914	-	-	-	-	36.9	59.9	96.8
1917	-	-	-	-	38.9	48.9	87.8
1920	-	-	-	-	38.7	46.0	84.7
1923	-	-	-	-	36.0	32.0	68.0
1926	-	-	-	-	35.5	36.4	71.9
1929	-	-	-	-	31.2	28.4	59.6
1932	-	-	-	-	25.5	16.7	42.2
1934	11.9	9.5	21.4	5.8	27.2	18.0	45.2
1937	9.7	6.7	16.3	5.5	21.8	15.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1950	8.7	9.7	18.4	3.3	21.8	5.3	27.1
1951	10.4	8.7	19.1	2.6	21.8	5.3	27.0
1952	9.1	9.3	18.4	4.0	22.4	6.6	29.0

* BREAKDOWN UNDER ONE MONTH NOT RECORDED UNTIL 1934

SANITARY DIVISION

CHRISTOPHER C. NUGENT, JR., ASST. HEALTH OFFICER - JOHN F. LYNCH, CHIEF SANITARY INSPECTOR
EDWARD A. SMITH, CHIEF INSP. FUMIGATION

THE FOLLOWING IS A SUMMARY OF THE ACTIVITIES OF THE SANITARY DIVISION WHICH SUPERVISES ENVIRONMENTAL SANITATION AND FUMIGATION. FOR ROUTINE COMPLAINT INSPECTION, THE CITY IS DIVIDED INTO 5 DISTRICTS WITH A MOTORCYCLE INSPECTOR FOR EACH. THE FOLLOWING LIST ILLUSTRATES THE TYPE OF COMPLAINTS AND THE NUMBER OF INSPECTIONS. DURING THE YEAR IT WAS NECESSARY FOR OUR INSPECTORS TO MAKE 1195 UNJUSTIFIED COMPLAINT INVESTIGATIONS.

MISCELLANY

CASES ENTERED FOR PROSECUTION	6	COMPLAINTS REFERRED TO OTHER CITY DEPTS.	41
NUMBER OF CONVICTIONS	59	GAS FUMIGATIONS & RUMMAGE SALES	67
HOURS IN COURT	148	NO CAUSE COMPLAINTS INVESTIGATED	1195
BIRTH CERTIFICATE PACKAGES DEL'D	40	VISITS OWNERS-AGENTS OF REAL ESTATE	150
HEARING CASES SCHEDULED	456		

SANITARY COMPLAINTS	BOOK COMPLT.	ORIG. INSP.	RE.INSP.	TOTALS
ANIMALS (DOGS, CHICKENS, ETC.)	593	2464	469	3526
BEAUTY PARLORS	3	11	2	16
BOARDING HOMES	2	9	5	16
CEMETERIES	2	10	1	13
DAY NURSERIES	2	10		12
DWELLINGS	2884	13041	1940	17865
DOG KENNELS, POUNDS, SHELTERS, HOSPITALS	4	16	4	24
HOTELS	3	14	12	29
HOUSING PROJECTS	52	213	61	326
ICE DOCKS	5		5	10
LODGING HOUSES	6	30	20	56
OFFICE BUILDINGS	7	20		27
PET SHOPS	22	20	30	72
PUBLIC BUILDINGS	4	19	11	34
PUBLIC DUMPS	36	82	56	174
PUBLIC EXHIBITIONS	4	14	10	28
PUBLIC PROPERTY	2		2	4
R.R. STATIONS & BUS TERMINALS		2	1	3
ROOMING HOUSES	219	1000	182	1401
SCHOOLS	1	1		2
STORES	16	58	5	79
STABLES	22	51	8	81
TAVERNS	3	7	4	14
TENEMENTS - OVER 8 FAMILIES	1136	4850	684	6670
THEATRES	26	65	29	120
VACANT LOTS	130	81	93	304
VEHICLES	1	1	1	3
WAREHOUSES	20	57	18	95
WATERSHEDS	6	4		10
LIST OTHERS	11	11	1	23
TOTALS	5222	22161	3656	31039

NUISANCES, NOTICES AND ABATEMENTS

DURING THE YEAR OUR COMPLAINT SECTION FOUND 4,631 DIFFERENT NUISANCE CONDITIONS; SERVED NOTICES IN EACH, AND HAVE ALREADY SUCCEEDED IN BRINGING ABOUT ABATEMENTS IN 3,531 OF THOSE CASES. OUTSTANDING AMONG NUISANCES FOUND WERE:

622 INSUFFICIENT HEAT OR DEFECTIVE HEATING EQUIPMENT
339 INSUFFICIENT GARBAGE AND REFUSE CANS
99 INSANITARY HOUSEKEEPING
64 EXCESSIVE NOISE
72 OVERCROWDING-INSUFFICIENT AIR SPACE
295 VERMIN AND INSECT INFESTATION
64 WEED ACCUMULATION
724 DOG & CAT CONDITIONS, SUCH AS BARKING, BITING, UNLICENSES OR CAUSING NUISANCE
88 INSUFFICIENT WATER TOILETS OR DEFECTIVE PLUMBING
490 DEFECTIVE ROOF GUTTERS AND WINDOWS
45 SEWAGE OBSTRUCTION OR ACCUMULATIONS
752 ACCUMULATIONS OF GARBAGE-REFUSE-EXCREM.
502 OTHER STRUCTURAL DEFECTS

LICENSES AND PERMITS

THIS DIVISION MADE NECESSARY INSPECTION BEFORE GRANTING FOLLOWING TYPES OF PERMITS AND LICENSES: ICE, REFUSE, POULTRY, SLAUGHTER HOUSE, CHICKEN AND ANIMAL PERMITS.

SLUM CLEARANCE - BUILDING REHABILITATION

IN ADDITION TO THE REGULAR ENVIRONMENTAL SANITATION COMPLAINT WORK, THIS DIVISION CONTINUED ITS INTENSIFIED, PROGRESSIVE CAMPAIGN IN OUR WORST SLUM SECTIONS OF THE CITY, USING THE BLOCK OR DOOR INSPECTION ONCE AND IN PROGRESS PERFORMED BY OTHER DIVISIONS FOR THIS TYPE OF WORK. IN THIS SECTION EVERY STRUCTURE AND EVERY DWELLING UNIT WAS INSPECTED, CONDITIONS NOTED AND NOTICES SERVED FOR VIOLATION. THERE WAS SOME DELAY IN OBTAINING MAXIMUM RESULTS, SINCE AN OWNER OF LARGE HOLDINGS IN THE SLUM BELT AGAIN APPEALED LOWER COURT CONVICTIONS.

THE NEW HOUSING ORDINANCE INCREASING OUR JURISDICTION OVER THIS TYPE OF VIOLATION HAS PROVEN ITSELF WORTHWHILE AS CONDITIONS THROUGHOUT THE CITY WELL SHOW.

A SUMMARY OF THE RESULTS FOLLOWS:

JANUARY 1ST TO DECEMBER 31ST, 1952

TOTAL STRUCTURES INSPECTED	521
TOTAL FAMILY UNITS INSPECTED	1481
MISCEL. INSPECTIONS (LOTS & COMMERCIAL)	93
TOTAL STRUCTURES, FAMILY UNITS AND MISCELLANEOUS RE-INSPECTIONS	20020
TOTAL ORIGINAL INSPECTIONS & RE-INSPECTIONS	22115
TOTAL VIOLATIONS FOUND	4961
WRITTEN NOTICES SERVED	431
STRUCTURES MINUS SANITARY VIOLATIONS	135
VOLUNTARY ABATEMENTS	983
ABATEMENTS AS A RESULT OF HEARINGS (522)	1655
ABATEMENTS AS A RESULT OF COURT ACTION (3115)	3177
TOTAL ABATEMENTS	5815

TYPE OF VIOLATION -- OF THE 4,961 VIOLATIONS FOUND, THE FOLLOWING WERE THE MOST FREQUENT:

1764 - DEFECTIVE INTERIOR CONSTRUCTION
425 - DEFECTIVE PLUMBING
197 - FIRE AND ACCIDENT HAZARDS
199 - INSUFFICIENT WATER OR TOILETS
925 - PAINTING AND WALLPAPER
590 - DEFECTIVE EXTERIOR CONSTRUCTION
158 - INSECT AND RODENT INFESTATION
103 - WASTE AND WATER ACCUMULATION

FUMIGATION AND PEST CONTROL

THE USE OF HYDRO-CYANIC GAS FUMIGATION IS SO EFFICIENT FOR COMPLETE EXTERMINATION OF VERMIN AND RODENTS, THAT WE CONSIDER IT ESSENTIAL ESPECIALLY IN COMMERCIAL FOOD PROTECTION. FOR THAT REASON, AN ORDINANCE WAS ADOPTED SOME YEARS AGO, WHICH REQUIRES THE LICENSING OF ALL SUCH FUMIGATORS AND INDIVIDUAL PERMITS WITH SUPERVISION OF THIS DEPARTMENT OF EACH JOB. A WRITTEN EXAMINATION IS REQUIRED TO SECURE A LICENSE.

TOTAL FUMIGATIONS	675	INSPECTIONS - RODENT & INSECTS	383
RUMMAGE SALE FUMIGATIONS	3 2	INSPECTIONS ON CITY AND PRIVATE DUMPS	16
FACTORY FUMIGATIONS	76	DEMOLITION OF STRUCTURES INSPECTED	14
MATTRESS FUMIGATIONS	281	TOTAL NUMBER OF INSPECTIONS	413
FREIGHT CAR FUMIGATIONS	6	WRITTEN NOTICES SERVED TO EXTERMINATE	383

THE USE OF WARFARIN FOR THE CONTROL OF NORWAY AND ROOF RATS AS WELL AS HOUSE MICE IS CONSIDERED BY THIS DEPARTMENT AS A USEFUL AND EFFECTIVE POISON WHEN PROPERLY USED. IT MUST BE INGESTED IN SMALL QUANTITIES OVER A PERIOD OF SEVERAL DAYS TO PRODUCE DEATH. ATTRACTIVE BAITS CONTAINING WARFARIN ARE READILY ACCEPTABLE BY RATS AND MICE AND THERE IS LITTLE INDICATION THAT THEY DEVELOP A SIGNIFICANT AVERSION OR TOLERANCE TO REPEATED FEEDING ON THE POISON. WHILE THIS POISON PROVIDES ONE OR MORE USEFUL TOOLS FOR RODENT CONTROL, IT MUST BE BORNE IN MIND THAT PERMANENT SOLUTION OF THE RAT MENACE STILL REQUIRES STRICT ADHERENCE TO THE PRINCIPLE OF FOOD AND SHELTER ELIMINATION. SANITATION RAT-PROOFING AND REDUCTIONAL CONTROL BY VARIOUS MEANS ALL REQUIRE CONSTANT APPLICATIONS.

SANITARY DIVISION (CONTINUED)

THIS POISON PROBABLY WOULD KILL ANY WARM-BLOODED ANIMAL IF CONSUMED IN SUFFICIENT QUANTITY OVER A PROLONGED PERIOD OF TIME. USED IN THE CONCENTRATION RECOMMENDED FOR RAT AND MOUSE CONTROL (.025%) THERE IS A MINIMUM OF DANGER TO OTHER ANIMALS. BY THE USE OF PROTECTIVE BAIT STATIONS WHERE ACCIDENTAL POISONING IS POSSIBLE AND THE USE OF BAIT UNATTRACTIVE TO FLESH-EATING ANIMALS, SUCH DANGER IS FURTHER REDUCED. BAITS CONTAINING ARFARIN SHOULD NOT BE EXPOSED IN LOCATIONS WHERE THEY MAY BE FOUND AND CONSUMED BY CHILDREN OR IRRESPONSIBLE PERSONS.

RABIES CONTROL

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST

ALL BITE CASES ARE INVESTIGATED BY ONE SANITARY INSPECTOR ASSIGNED TO THE BACTERIOLOGICAL LABORATORY. BITING ANIMALS ARE QUARANTINED ON THE PREMISES. IF ON RE-INSPECTION, 10 DAYS LATER, THE ANIMAL IS STILL ALIVE AND WELL, IT PROVES THAT THE ANIMAL WAS FREE FROM RABIES IN THE INFECTIOUS STAGE AT THE TIME OF BITING, AND THE INDIVIDUAL DOES NOT NEED PASTEUR TREATMENT. THIS WORK REQUIRED 5,222 ORIGINAL AND RE-INSPECTIONS AND VISITS TO RELEASE DOGS FROM QUARANTINE. DURING THE YEAR, 34 DOGS FROM NEWARK AND OUT-OF-TOWN WERE EXAMINED AND FOUND TO BE NEGATIVE FOR RABIES. THIS WAS A MARKED REDUCTION FROM 1946 WHEN 34 NEWARK DOGS WERE PROVEN TO BE RABID AND 1947 WHEN WE FOUND 3 NEWARK RABID DOGS. IT IS THE FIFTH YEAR WITHOUT RABIES IN NEWARK. IN SPITE OF THE FACT THAT OUR LOCAL ORDINANCE REQUIRES DOGS AT LARGE TO BE EITHER LEASHED OR MUZZLED, 251 DOG AND OTHER ANIMAL BITES WERE REPORTED AND INVESTIGATED. THESE INCLUDED 37 BITES BY CATS, 68 OTHER ANIMALS AND 3 HUMAN BITES.

SUMMARY

BITES INVESTIGATED -- 2,511	NEWARK DOG BRAINS EXAMINED	19	(ALL
	OUT-OF-TOWN " "	15	(NEG.
TOTAL VISITS - 5,222	PASTEUR TREATMENT GIVEN - NONE		

INDUSTRIAL HYGIENE DIVISION

CHARLES J. MAGUIRE, CHIEF INSPECTOR

THE INDUSTRIAL HYGIENE DIVISION, IN CONTINUING ITS ROUTINE FUNCTIONS OF MEDICAL, ENGINEERING, INSPECTIONAL AND NURSING SERVICES, MADE A TOTAL OF 8,637 VISITS TO THE INDUSTRIES IN THE CITY OF NEWARK. INCLUDED IN THIS TOTAL ARE 500 ENGINEERING VISITS, 1,281 NURSING VISITS AND 6,856 INSPECTIONAL VISITS. A BREAK-DOWN OF THESE VISITS ARE LISTED IN TABLES 1, 2, 3, AND 4 BELOW.

GROUP EXAMINATIONS WERE CONDUCTED AMONG INDUSTRIAL AND COMMUNITY GROUPS, EMPHASIZING MULTIPHASIC SCREENING FOR DIABETES, TUBERCULOSIS, SYPHILIS, AND IN ADDITION, BLOOD TYPING, INCLUDING THE RH FACTOR. AS TO DIABETES SCREENING, IT IS WELL TO POINT OUT THAT BLOOD SCREENING WAS CARRIED OUT AT 130MG BLOOD SUGAR LEVEL. BLOOD SCREENING TESTS WERE DONE AT THE COLLECTING SITE, USING THE WILKERSON - HUGHES CLINITRON, WHICH WAS ON LOAN FROM THE DIABETES SECTION OF THE U. S. PUBLIC HEALTH SERVICE. THE NUMBER OF PERSONS SCREENED FOR ELEVATED BLOOD SUGARS WERE 1,657, OF WHICH 250 INDICATED AN ELEVATED SUGAR, AND WERE REFERRED TO FAMILY PHYSICIANS FOR FOLLOW-UP. GROUP EXAMINATIONS ARE LISTED IN TABLE 4.

LISTED BELOW IS A STATISTICAL SUMMARY OF DIVISION VISITS.

TOTAL NUMBER OF VISITS - 8,637

INSPECTIONAL ACTIVITIES DURING 1952 - (TOTAL VISITS 6,856)

COMPLAINT INSPECTIONS	270	ABATEMENTS	312
ORIGINAL INSPECTIONS	5046	WRITTEN NOTICES	219
REINSPECTIONS	1054	VERBAL NOTICES	220
TOTAL INSPECTIONS	6370	TOTAL NOTICES	439
VIOLATIONS FOUND	420		

MEDICAL AND NURSING ACTIVITIES - (TOTAL VISITS 1281)

INDUSTRIAL MEDICAL SURVEYS	68	REQUEST VISITS	60
RECOMMENDATIONS GIVEN	23	RECOMMENDATIONS	131
FOLLOW-UP VISITS	160	LITERATURE DIS.	221,035

ENGINEERING INVESTIGATIONS - 500

INDUSTRIAL HYGIENE SURVEYS	42	WRITTEN NOTICES	11
INSPECTIONS	252	COURT CASES	2
REINSPECTIONS	113	HEARINGS	3
INTERVIEWS	91	LECTURES	2
COMPLAINTS	34		

GROUP EXAMINATIONS - MULTIPHASIC SCREENING

SERO-DIAGNOSIS OF SYPHILIS	1657
BLOOD TYPING	1657
DIABETIC SCREENING	1657
POTENTIAL DIABETICS	250
CHEST X-RAYS	2486
SUSPECTS REFERRED FOR FOLLOW-UP	79

VETERINARY DIVISION

DR. M. J. HUGHES, CHIEF VETERINARIAN -- DR. JOHN J. DEVINE, ASST. CHIEF VETERINARIAN

THIS DIVISION IS RESPONSIBLE FOR THE INSPECTION OF ABATTOIRS, BOLOGNA KITCHENS, BUTCHER SHOPS, FISH MARKETS, POULTRY MARKETS AND ALL OTHER ESTABLISHMENTS WHERE MEAT, FISH AND POULTRY ARE SOLD, HANDLED OR PROCESSED. IT ALSO INSPECTS THE COMMISSARIES OF RESTAURANTS, LUNCH ROOMS AND HAMBURGER STANDS, MEAT AND FISH TRUCKS AND LOADING PLATFORM, AND POULTRY AND MEAT FREIGHT AND EXPRESS CARS. WE ALSO MAKE REGULAR RIGID INSPECTIONS OF ALL MEATS, POULTRY AND FISH DELIVERED TO CITY INSTITUTIONS.

THE DIVISION'S FUNCTIONS ARE CARRIED OUT BY A STAFF OF VETERINARIANS AND TRAINED MEAT INSPECTORS, ALL LICENSED BY THE STATE OF NEW JERSEY TO PERFORM SUCH DUTIES.

ALL MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED EITHER UNDER FEDERAL GOVERNMENT SUPERVISION, OUR OWN VETERINARIANS, OR LOCAL VETERINARIANS OF OUTSIDE COMMUNITIES WHERE APPROVED ADEQUATE INSPECTION IS MAINTAINED.

INSPECTIONS ARE MADE OF BIRDS AND ANIMALS IN LOCAL PET SHOPS AS SUCH LIVE STOCK CAN BE THE SOURCE OF DISEASES TRANSMISSIBLE TO HUMANS.

DURING 1952 MORE THAN 297,000 CARCASSES OF CATTLE, SHEEP, CALVES, HOGS AND GOATS WERE INSPECTED AND RE-INSPECTED, EITHER AT LOCAL ABATTOIRS, OR AT LOCAL WHOLESALE HOUSES. CONDEMNATIONS DURING THE YEAR INCLUDED 18 ENTIRE CARCASSES 4,000 PARTS OF CARCASSES, 132,950 LBS. OF MISCELLANEOUS MEATS, FISH AND PROVISIONS.

SINCE THE PASSAGE OF NEW ORDINANCES DURING 1952, THIS DIVISION HAS THE ADDITIONAL TASK OF PASSING UPON AND ISSUING LICENSES FOR POULTRY SLAUGHTERING PLANTS, MEAT PROCESSING PLANTS; AND JOBBERS OR VENDORS OF MEAT OPERATING IN NEWARK.

	No.	INSPECTIONS		No.	INSPECTIONS
BUTCHER SHOPS	643	10,869	ABATTOIRS	8	45
FISH STORES	78	1,149	PET SHOPS	19	226
BOLOGNA PLANTS	55	2,491	CITY INSTITUTIONS	3	287
POULTRY MARKETS	70	1,184	WHOLESALE BEEF HS.	45	803
REFRIGERATION PLANTS	2	144	" FISH "	6	78
PUBLIC MARKETS	78	757	" LIVE POUL.	9	1,985
HORSE MEAT MARKETS	4	274	CLAM HOUSES	4	22

TOTAL INSPECTIONS & RE-INSPECTIONS - 20,314 NOTICES SERVED & COMPLIED WITH - 1,037

DIVISION OF SANITARY ENGINEERING

RICHARD A. GILL, ACTING CHIEF INSPECTOR

THIS DIVISION ISSUES PERMITS FOR ALL PLUMBING INSTALLATIONS AND MAJOR ALTERATIONS. PLANS MUST BE APPROVED BEFORE PERMITS ARE ISSUED. INSPECTIONS ARE THEN MADE TO SEE THAT WORK IS SATISFACTORY. ALL WORK MUST BE BY MASTER PLUMBERS, LICENSED BY THIS DEPARTMENT. WE SUPERVISE INSTALLATIONS OF AIR CONDITIONING UNITS AND OIL BURNERS. WE COOPERATE WITH OTHER DIVISIONS WHERE DEFECTIVE OR INSUFFICIENT WATER AND PLUMBING FACILITIES ARE INVOLVED. WE HANDLE ALL SUCH COMPLAINTS OF WHICH THERE WERE 2,536 THIS YEAR. 2,421 NUISANCES WERE FOUND AND ABATED. WE ALSO COLLECT WATER SAMPLES FROM SWIMMING POOLS, DOMESTIC SUPPLIES, AND AT WATER SHEDS.

	1945	1946	1947	1948	1949	1950	1951	1952
PLANS APPROVED - NEW SYSTEMS	130	181	187	223	204	209	170	191
PLANS APPROVED - OLD SYSTEMS	696	1103	868	748	832	770	738	866
SEWER INSPECTIONS	127	185	217	133	169	169	148	131
PLUMBING INSPECTIONS	2352	2910	3295	4003	4176	3599	4744	4210
SPECIAL INSPECTIONS	127.8	13365	9355	9493	11455	8343	9876	9536
FINAL PLUMBING INSPECTIONS	812	1110	973	954	957	1069	931	995
WATER TESTS	108	218	227	207	263	282	253	311
SMOKE TESTS	4	5	11	34	39	30	12	9
COMPLAINTS RECEIVED	3251	2932	2600	3300	2835	2684	2933	2536
VIOLATIONS NOTICES SERVED	485	574	666	921	906	913	1179	877
NOTICES COMPLIED WITH	421	542	614	897	893	929	968	879
NUISANCES ABATED	2170	2487	2510	3307	3107	2796	2803	2421
LAW SUITS INSTITUTED	17	30	55	88	103	70	95	286
MASTER PLUMBERS LICENSES ISSUED	384	412	431	424	435	432	443	450
CROSS CONNECTIONS DISCONTINUED	[illegible]	22	147	17	52	5	25	4
WATER SAMPLES COLLECTED	1169	600	851	563	652	437	525	129
DANCE HALLS INSPECTED	133	166	171	149	186	186	122	126
AIR CONDITIONING UNITS INSPECTED							90	182

COMMUNICABLE DISEASE DIVISION

DR. J. I. GARDAM, MEDICAL DIRECTOR -- WILLIAM S. JENNINGS, CHIEF INSPECTOR

THE CONTAGIOUS DISEASE DIVISION SUPERVISES THE CONTROL AND PREVENTION OF COMMUNICABLE DISEASES, EXCEPT VENEREAL, AND TUBERCULOSIS. WE HAVE CONTINUED THE PROGRAM WE STARTED LAST YEAR TO PREVENT THE SPREAD OF MANY DISEASES BY TREATMENT OF CONTACTS.

SCARLET FEVER AND STREPT THROAT CONTACTS ARE RELEASED FOR SCHOOL OR WORK IMMEDIATELY AFTER BEING GIVEN 400,000 UNITS OF PENICILLIN OF THE 96 HOUR TYPE (DEPO-PENICILLIN). THIS DOSE OF PENICILLIN IS GIVEN AT ANY AGE FROM ONE YEAR UP.

MENINGITIS CONTACTS HAVE BEEN GIVEN ONE GRAM OF SULPHADIAZINE BY MOUTH AND IMMEDIATELY RELEASED. THESE MEASURES HAVE CUT DOWN, TO A GREAT EXTENT, THE LOSS OF TIME FOR WAGE EARNERS AND SCHOOL CHILDREN. IN WHOOPING COUGH, CONTACTS WHO WERE IMMUNIZED MORE THAN THREE YEARS BEFORE EXPOSURE, MAY BE GIVEN A BOOSTER DOSE AND IMMEDIATELY RETURN TO SCHOOL. IF THE IMMUNIZATION HAS BEEN DONE IN LESS THAN THREE YEARS PRIOR TO EXPOSURE, THE CHILD IS PERMITTED TO RETURN TO SCHOOL AT ONCE. UNIMMUNIZED CONTACTS ARE STILL KEPT OUT OF SCHOOL FOR 14 DAYS AFTER THE RELEASE OF THE CASE. THESE MEASURES HAVE GIVEN US NO ADVERSE CRITICISM AND NO LET-DOWN IN THE CONTROL OF THESE DISEASES.

IT IS WELL TO REMEMBER THAT 42 CULTURE STATIONS ARE MAINTAINED THROUGHOUT THE CITY BY THIS DEPARTMENT. THESE STATIONS ARE FOR THE CONVENIENCE OF OUR PHYSICIANS. DURING THE YEAR OF 1952 - 26,196 SPECIMENS WERE COLLECTED INCLUDING DIPHTHERIA CULTURES, SPUTUMS, SPECIMENS FOR SYPHILIS, GONORRHEA, TYPHOID, SALMONELLA INFECTIONS, ETC., AND SUBMITTED TO THE LABORATORY WHERE APPROPRIATE TESTS ARE MADE WITHOUT CHARGE. COLLECTIONS ARE MADE DAILY.

THE FOLLOWING MORBIDITY REPORT FOR THE PAST 11 YEARS IS VERY INTERESTING:

MORBIDITY REPORT	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	11-YR. NORM.
* DIPHTHERIA	0	4	1	0	4	2	5	0	1	0	1	1
* SCARLET FEVER	645	401	642	604	496	433	345	482	112	135	206	433
TYPHOID FEVER	5	8	3	18	2	4	1	0	2	0	4	2
PARA TYPHOID	1	0	0	1	2	1	1	1	0	0	0	1
TUBERCULOSIS	674	705	585	495	575	528	538	536	526	513	480	536
UNDULANT FEVER	0	3	1	5	0	1	3	1	3	1	0	1
TRICHINOSIS	3	5	2	8	5	4	7	3	0	1	2	3
LOBAR PNEUMONIA	952	1 45	707	732	686	502	452	458	423	351	268	502
BRONCHO PNEUMONIA	597	799	567	545	623	494	629	654	593	489	542	593
EPIDEM. MENING.	36	136	118	52	32	21	10	8	9	11	10	21
* INFANT. PARALYSIS	37	13	29	50	19	17	31	99	49	22	29	22
** WHOOPING COUGH	1534	1088	294	765	1089	1373	288	486	761	296	218	761
MEASLES	4105	4987	3142	191	11392	454	6247	5782	2370	3536	11090	3536
GERMAN MEASLES	379	9113	489	263	1583	171	293	893	1957	295	2418	379
CHICKENPOX	2957	4484	3252	3439	1903	5120	5059	6095	1606	6083	3065	3439
MUMPS	578	3094	2384	358	1263	2787	2760	2319	1304	4069	2015	2319
ERYSIPELAS	92	49	62	53	53	40	28	24	25	9	27	40
VINCENTS ANGINA	416	428	1173	1568	1207	1168	1194	1148	455	631	275	1148
OPHTHALMIA NEON.	91	61	47	68	44	46	45	62	5	5	2	46
PUERPERAL FEVER	0	2	4	1	0	2	0	1	0	0	0	1
DYSENTERY (AMB.)	2	0	2	2	0	0	4	0	0	1	0	1
TETANUS	3	0	2	0	2	1	1	0	0	2	1	1
INFLUENZA	198	194	75	109	57	45	35	32	53	66	35	57
MALARIA	0	0	56	86	46	9	2	0	4	0	3	2

* PLACARDED ** ARM BAND REQUIRED

IT IS WELL TO NOTE THAT POLIOMYELITIS SHOWED 22 AGAINST 29 CASES. THIS IS OUTSTANDING BECAUSE OF THE TREMENDOUS INCREASE OF POLIOMYELITIS CASES THROUGHOUT THE ENTIRE UNITED STATES. NEWARK HAS INDEED BEEN FORTUNATE.

CHICKENPOX, MUMPS AND INFLUENZA, ALL SHOW DEFINITE DECREASES. HOWEVER, MEASLES AND GERMAN MEASLES SHOWED A TREMENDOUS INCREASE OVER THE PRECEDING YEAR. THE LAST OUTBREAK OF MEASLES WAS IN 1946 WHEN 11,392 OCCURRED, AGAINST THE 11,090 OF THIS YEAR.

COMMUNICABLE DISEASE DIVISION (CONTINUED)

IMMUNIZATION — THIS DEPARTMENT CONTINUED ITS PROGRAM OF IMMUNIZATION AGAINST DIPHTHERIA, WHOOPING COUGH, TETANUS AND SMALLPOX. THE COMMUNICABLE DISEASE DIVISION MADE 9,996 HOME CALLS AS PART OF THIS PROGRAM. WE ARE GRATEFUL FOR THE ACTIVE PART PLAYED BY PRIVATE PHYSICIANS, CHILD HYGIENE NURSES, THE PAROCHIAL AND PUBLIC SCHOOLS, AND OTHER INTERESTED PARTIES. THE USUAL DIFFICULTIES HAVE KEPT US BUSY AND THE FAILURE BY A SMALL PERCENTAGE OF PARENTS TO HAVE CHILDREN IMMUNIZED, HAS FORMED A LARGE PART OF OUR CAMPAIGN. OUR PROGRAM IS CONTINUOUS STARTING WITH A CONGRATULATORY LETTER AT THE AGE OF THREE MONTHS, URGING PARENTS TO HAVE THE CHILD PROPERLY IMMUNIZED AT ONCE BY THEIR PRIVATE PHYSICIAN, OR AT ONE OF THE BABY-KEEPER STATIONS. A CONTINUAL FOLLOW-UP PROGRAM IS CARRIED ON UNTIL PROOF HAS BEEN SUBMITTED TO THIS DEPARTMENT THAT THE CHILD HAS BEEN SUCCESSFULLY IMMUNIZED. RARELY HAS IT BECOME NECESSARY TO INVOKE LEGAL MEASURES TO ENFORCE IMMUNIZATION. PROMPT REPORT OF IMMUNIZATION DONE BY PRIVATE PHYSICIANS SPEEDS UP OUR WORK AND AVOIDS MANY UNNECESSARY CALLS. IT IS WELL TO NOTE THAT WHOOPING COUGH CASES ARE STEADILY DROPPING AND SEVERITY DECREASING, PROBABLY AS A RESULT OF THIS CAMPAIGN. EACH WHOOPING COUGH CASE THAT DOES OCCUR IS CHECKED VERY CAREFULLY AS TO ITS DEGREE OF SEVERITY AND IMMUNIZATION HISTORY.

IMMUNIZATION RECORD (WHOOPING COUGH & DIPHTHERIA)

NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIANS

	WHOOPING COUGH			DIPHTHERIA		
	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL
1941	0	4161	4161	2380	2004	4384
1942	177	3697	3874	3798	2296	6094
1943	1095	2819	3914	4593	3074	7667
1944	3653	2951	6604	5486	2951	8437
1945	4542	3052	7594	6084	3052	9136
1946	4917	3339	8256	5937	3339	9276
1947	6046	3324	9370	6787	3324	10110
1948	6303	3389	9692	6619	3389	10008
1949	5616	3352	8967	5849	3352	9201
1950	6405	3295	9700	6607	3295	9902
1951	3836	2202	6038	3838	2202	6040
1952	4369	3504	7873	4369	3504	7873

YOUR ATTENTION IS DIRECTED TO THE MARKED INCREASE IN IMMUNIZATIONS DONE THIS LAST YEAR IN COMPARISON WITH THE PRECEDING YEAR, IN BOTH WHOOPING COUGH AND DIPHTHERIA. AS MOST OF THESE TREATMENTS ARE UNDER ONE YEAR OF AGE, PRACTICALLY ALL THE CHILDREN TREATED IN THE PAST FIVE YEARS ARE STILL IN THE PRE-SCHOOL GROUP (42,270 WHOOPING COUGH; 43,824 DIPHTHERIA). AS THE ESTIMATED POPULATION UNDER 5 IS ABOUT 45,000 IT CAN READILY BE SEEN THAT OUR PROPORTION OF PROTECTED PRE-SCHOOL CHILDREN IS ALMOST 100% FOR DIPHTHERIA AND OVER 90% FOR WHOOPING COUGH. THE BULK OF TREATMENTS GIVEN IN OUR CLINICS AND BY PRIVATE PHYSICIANS, ARE UNITS WITH COMBINED MATERIALS.

FOOD & DRUG DIVISION

JOSEPH E. CONNOLLY, ASST. HEALTH OFFICER - DAVID E. MORGAN, CHIEF INSPECTOR

THE FOOD AND DRUG DIVISION CARRIES ON ALL INSPECTIONAL AND CONTROL WORK OF PLACES WHERE FOOD (OTHER THAN EAT), DRUGS, COSMETICS, ETC. ARE PREPARED, STORED, HANDLED OR SOLD. THIS WORK INVOLVES NOT ONLY SANITARY CONDITIONS AND PROCESSING METHODS BUT ALSO MISBRANDING AND ADULTERATION.

IT ALSO INCLUDES THE INSPECTION AND CONTROL OF THE CITY'S MILK SUPPLY. THERE ARE SEVEN INSPECTORS ASSIGNED TO THIS WORK AND THE PROGRAM INCLUDES A PERIODIC INSPECTION OF ALL PLANTS HANDLING MILK AND MILK PRODUCTS AND A REASONABLE PERCENTAGE OF THE DAIRIES. ONE OTHER INSPECTOR TAKES MILK SAMPLES AND OTHER SPECIMENS FOR BACTERIOLOGICAL AND CHEMICAL ANALYSIS. DURING THE YEAR THE BACTERIAL ANALYSIS RESULTS AND BUTTER FAT CONTENT WERE MOST SATISFACTORY.

INSPECTION OF ICE CREAM SUPPLIES IS CARRIED ON BY MILK PLANT INSPECTORS. WE MAINTAIN A CONTINUOUS PLANT OPERATION INSPECTION TAKING BACTERIOLOGICAL AND CHEMICAL SAMPLES. RESULTS HAVE BEEN MOST SATISFACTORY.

EARLY IN 1952, WE INSTITUTED A PROGRAM FOR BETTER CONTROL AND ELIMINATION OF MASTITIS IN DAIRY HERDS. THE PROGRAM WILL INVOLVE CONSIDERABLE WORK ON THE PART OF OUR MEN ASSIGNED TO COUNTRY DAIRY WORK, BUT WE FEEL THIS STEP WAS MOST NECESSARY AND THE RESULTS FOR THE FIRST YEAR HAVE BEEN QUITE SATISFACTORY.

DURING THE YEAR WE CARRIED ON A PROGRAM PERTAINING TO THE USE OF ELECTRIC VAPORIZER PESTICIDAL MACHINES AND ALSO THE PESTICIDAL MATERIAL USED. THE USE OF D.D.T. WAS PROHIBITED ENTIRELY. LINDANE WAS GIVEN PASSIVE APPROVAL IF USED IN THE METHOD AS RECOMMENDED BY THE U.S. PUBLIC HEALTH ADMINISTRATION. IT IS OUR INTENT ON TO CONTINUE OUR WORK IN THIS FIELD AND IN ALL PROBABILITY DURING 1953 WE WILL BE IN A BETTER POSITION TO TAKE A MORE POSITIVE ATTITUDE REGARDING THE USE OF THESE MATERIALS.

A VERY THOROUGH PROGRAM OF RESTAURANT CONTROL WORK, PARTICULARLY IN THE DOWNTOWN AREA WHERE LARGE NUMBERS OF PEOPLE ARE FED DAILY, WAS CARRIED ON DURING THE YEAR. THIS WAS DONE EXTENSIVELY AND RESULTED IN THE CONDEMNATION OF CONSIDERABLE FOODSTUFFS AS A RESULT OF BACTERIOLOGICAL ANALYSIS. THIS WAS DUE TO SEVERAL SUSPICIOUS FOOD POISONING CASES WHICH IN OUR OPINION RESULTED FROM UNNECESSARY CARELESSNESS IN THE HANDLING OF THE FOODSTUFFS. THE END RESULT WAS SATISFACTORY BUT WE INTEND TO CONTINUE THIS PROGRAM AS EXTENSIVELY AS POSSIBLE.

THE DIVISION INSPECTORS DURING THE YEAR FOUND SEVERAL CASES WHERE HORSE MEAT WAS BEING SOLD IN OUR EATING PLACES. IN EACH INSTANCE THE OPERATOR WAS CONVICTED AND PAID THE USUAL PENALTY.

THIS DIVISION HAS IN THE PAST WORKED IN CLOSE COOPERATION WITH MEMBERS OF THE U.S. FOOD AND DRUG ADMINISTRATION INSPECTORS AND STATE DEPARTMENT OF HEALTH INSPECTORS IN CARRYING ON INSPECTIONAL WORK AND THE EMBARGOING AND CONDEMNATION OF DIFFERENT ARTICLES OF FOODS, DRUGS, COSMETICS, ETC.

PLACES WHERE FOODSTUFF IS PREPARED OR COOKED	PLACES	INSPECTIONS	MISCELLANEOUS OTHER FOOD ESTABLISHMENTS INSPECTED	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	934	4256	TAVERNS	522	1457
" IN TAVERNS	459	1426	CONFECTIONERIES	572	1202
" IN CONFECTION.	246	444	GROCERY & DELICATESSEN	1274	4656
" IN DELICATESS.	56	64	PRODUCE	308	461
" IN DRUG STORES	43	107	DRUG STORES	182	282
BAKERIES	662	685	MISCELLANEOUS	575	518
MISCELLANEOUS PLANTS	75	666	SPECIAL INVESTIGATIONS		370

TOTAL INSPECTIONS AND INVESTIGATIONS - 16,984

NOTICES SERVED	2414	CASES TURNED IN FOR LEGAL ACTION	28
NOTICES ABATED	2016	HEARINGS ON VIOLATORS	236
COMPLAINTS INVESTIGATED	400	MISC. FOOD SAMPLES TAKEN	927

SOME LARGE CONDEMNATIONS DURING YEAR: 24,000 QTS. MILK; 300 LBS. MISCL. FOOD; 210 CANDY BARS, 2 TRUCKLOADS OF MEDICINAL TABLETS.

FOOD & DRUG DIVISION (CONTINUED)

GLASS SWAB SAMPLES FROM TAVERNS FOR BACTERIOLOGICAL EXAMINATION - FROM 850 ESTABLISHMENTS

BACTERIAL SAMPLES TAKEN - 905	STERILE - - - - - - - - - -	561	- 62%
	COUNTS 1 TO 1,000 - - - -	181	- 20%
	" 1,001 TO 100,000 -	152	- 17%
	" OVER 100,000 - - -	11	- 1%
	SAMPLES SATISFACTORY - -	894	- 99%
	AVERAGE COUNT - - - - -	7400	
BACOL SAMPLES TAKEN - 905	STERILE - - - - - - - - - -	818	- 91%
	COUNTS 1 TO 1,000 - - - -	74	- 8%
	" OVER 1,000 - - - -	13	- 1%
	SAMPLES SATISFACTORY - -	892	- 99%
	AVERAGE COUNT - - - - - -	17	
COLON INDEX SAMPLES TAKEN - 905	STERILE - - - - - - - - - -	778	- 86%
	COUNTS 1 TO 50 - - - - -	45	- 5%
	" OVER 50 - - - - -	82	- 9%
	SAMPLES SATISFACTORY - -	823	- 91%
	AVERAGE COUNT - - - - - -	35	

MILK & DAIRY CONTROL	INSPECTIONS REPORT	INSP.	RE-INSP.	TOTAL	EXCLUDED
	PASTEURIZING PLANTS	215	20	235	4
	RECEIVING PLANTS	204	10	214	-
	DAIRIES	6459	260	6719	103

MILK CONDEMNED -- 23,690 QTS.

ESTIMATED DAILY MILK CONSUMPTION OF NEWARK (PER CAPITA) 1.2 PINTS
(POP. 443,000) DAILY CONSUMPTION 262,750 QTS. DAILY

OCCUPATIONAL SURVEY

WILLIAM T. RUMAGE, M.D., PHYSICIAN-IN-CHARGE

THIS CLINIC HAS FOR YEARS SUPERVISED THE CHEST EXAMINATION, INCLUDING X-RAY AND SYPHILIS BLOOD TEST, OF FOOD HANDLERS AND DOMESTICS WHO, BY ORDINANCE, WERE REQUIRED TO HAVE HEALTH CERTIFICATES SEMI-ANNUALLY. THIS WAS INTENDED PURELY AS A METHOD OF CASE FINDING FOR UNSUSPECTED TUBERCULOSIS AND VENEREAL DISEASES. WE WERE THE FIRST CITY TO DO THIS WORK AMONG DOMESTICS. IN THE FIRST TWO YEARS, WE FOUND 1800 CASES WITH POSITIVE WASSERMAN OF WHOM 900 HAD BEEN ENTIRELY UNDIAGNOSED AND UNSUSPECTED. THEY WERE PLACED, OF COURSE, UNDER TREATMENT. IN RECENT YEARS, HOWEVER, THIS HAS BEEN ALMOST ENTIRELY CLEARED UP. AMONG FOOD HANDLERS WE NEVER DID FIND MUCH SYPHILIS AND VERY FEW CASES OF UNSUSPECTED TUBERCULOSIS. IN 1952, THEREFORE, THE ORDINANCE WAS AMENDED FOR FOOD HANDLERS SUBSTITUTING A COMPULSORY HEALTH INSTRUCTION COURSE FOR THE PHYSICAL EXAMINATION. WE STILL CONTINUE THE WORK FOR DOMESTICS AS THAT GROUP HAS ALWAYS SHOWN MORE TUBERCULOSIS AND SYPHILIS THAN THE AVERAGE PUBLIC. WE ALSO ARE EXPANDING OUR SCREENING CHEST X-RAY PROGRAM IN INDUSTRY AND SLUM SECTIONS WHERE WE WILL NATRUALLY FIND MANY MORE CASES AT FAR LESS EXPENSE.

DURING THE YEAR, WE EXAMINED 913 DOMESTICS AND PRIVATE DOCTORS EXAMINED 223. AMONG THESE WE FOUND 22 POSITIVE FOR SYPHILIS AND 79 POSITIVE FOR VINCENT'S ANGINA. THERE WERE ALSO 71 WITH SUSPICIOUS CHEST X-RAYS BUT NONE OF THEM WERE OPEN, ACTIVE CASES.

BEFORE FOOD HANDLER EXAMINATIONS WERE DISCONTINUED IN OCTOBER, WE HAD EXAMINED APPROXIMATELY 12,000 FOOD HANDLERS BUT HAD FOUND NO UNSUSPECTED SYPHILIS OR TUBERCULOSIS.

CITY DISPENSARY

PASCAL BAIOCCHI, M.D., MEDICAL RECEIVING OFFICER
HELVINA RYAN, R.N., DIR., PUBLIC HEALTH NURSING - OSCAR B. STEVENS, CHIEF PHARMACIST

THE CITY DISPENSARY PROVIDES CLINIC TREATMENT FOR MEDICALLY INDIGENT AS WELL AS THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS AND PAID FOR BY THE RELIEF DEPARTMENT FOR PATIENTS ACTUALLY ON RELIEF AND BY THE HEALTH DEPARTMENT FOR THOSE NOT ON RELIEF BUT UNABLE TO PAY. THE PATIENT IS GIVEN FREE CHOICE OF PHYSICIAN. THE 57,423 CLINIC TREATMENTS OF THE SICK POOR DO NOT INCLUDE APPROXIMATELY 16,000 VENEREAL DISEASE TREATMENTS, 15,000 TUBERCULOSIS AND CARD AC EXAMINATIONS AND TREATMENTS, NOR THE EXAMINATION OF 16,000 FOOD HANDLERS AND DOMESTICS. THAT IS MORE TRULY PREVENTIVE MEDICINE AND IS REPORTED UPON ELSEWHERE IN OTHER DIVISIONAL REPORTS.

THERE WERE 57,423 FREE TREATMENTS DURING THE YEAR FOR 24,228 DIFFERENT PATIENTS. THIS IS ABOUT THE SAME AS OUR TREATMENT LOAD FOR 1951, BUT FAR HIGHER THAN THE LOW POINT OF 24,000 IN 1945 AND 36,000 IN 1947.

FREE PRESCRIPTIONS FOR PATIENTS AT CLINICS OR VISITED BY PHYSICIANS AT HOME, TOTALED 42,[illegible]6. COMPARED WITH 44,809 LAST YEAR. THIS IS ABOUT 7% REDUCTION. THE PHARMACY ALSO SUPERVISES DISTRIBUTION TO CLINICS AND PRIVATE DOCTORS OF FREE IMMUNIZATION MATERIAL AND TESTING MATERIAL SUCH AS VACCINE POINTS, TOXOIDS FOR DIPHTHERIA, WHOOPING COUGH AND TETANUS (USUALLY COMBINED IN ONE MATERIAL), SCHICK TEST, TYPHOID VACCINE, MEASLES IMMUNE GLOBULIN, TYPHOID, ETC., AS WELL AS SEVERAL THOUSAND BOTTLES OF COD LIVER OIL FOR OUR WELL-BABY STATIONS.

THE DISPENSARY HAS A SMALL STAFF OF MEDICAL SOCIAL WORKERS WHO CHECK ON ABILITY TO PAY. IN ADDITION TO PERSONAL INTERVIEW OF NEW PATIENTS, SPOT-CHECK HOME VISITS ARE MADE, ESPECIALLY FOR DOCTOR VISITS TO THE HOME. WITH DOCTOR VISITS, WE MUST NATURALLY SEND A PHYSICIAN FIRST, AND IF THE DOCTOR SUGGESTS ABILITY TO PAY, WE INVESTIGATE AND BILL IF NOT ELIGIBLE. NO FUTURE CALLS ARE PAID FOR INELIGIBLES; 1,451 SUCH REFUSALS IN 1952. ABOUT 25% OF THE PATIENTS HANDLED ARE RELIEF CLIENTS. WHEN THERE IS A DECREASE IN FREE MEDICAL CARE DUE TO IMPROVED ECONOMIC CONDITIONS, THERE IS GREAT REDUCTION IN THE RELIEF GROUP BUT AN INCREASE IN THE MEDICALLY INDIGENT. IN RECENT YEARS, THE PERCENTAGE OF RELIEF CLIENTS HAS BEEN AS HIGH AS 40%. MANY GRADUATE FROM TOTAL INDIGENCY TO A SLIGHTLY HIGHER STATUS BUT STILL BELOW ABILITY TO PAY FOR MEDICAL CARE.

HOME CARE OF THE SICK - DOCTORS OF PATIENTS' OWN CHOICE MADE 5,486 CALLS OF WHICH 2,037 WERE ON RELIEF AND PAID FOR BY THE RELIEF DEPARTMENT. THE OTHER 3,449 WERE MEDICALLY INDIGENT AND WERE PAID FOR BY THE HEALTH DEPARTMENT AT AN AVERAGE COST OF $3.40 PER VISIT. ($3.00 FOR DAY CALLS - $5.00 AFTER 11 P.M.) THE VISITING NURSE ASS'N MADE 5,169 HOME NURSING VISITS FOR THE SICK. OF THESE, 805 WERE PAID BY THE RELIEF DEPARTMENT AND 4,364 BY THE HEALTH DEPARTMENT, AT $2.51 PER CALL.

OUR NEIGHBORHOOD DENTAL CLINICS (FOR CHILDREN ONLY) NOW TOTAL NINE. THE MAIN DENTAL CLINIC TREATS CHILDREN ON 3 DAYS AND ADULTS 2 DAYS. CHILDREN'S DENTAL TREATMENTS NUMBERED 15,366 FOR BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN.

CLINIC TREATMENTS	1952	1951	1950
MEDICAL	7506	8328	8642
CHILDREN	2238	2095	2272
SURGICAL	2540	2897	3608
GYNAECOLOGICAL	503	531	749
SKIN	4340	5477	5280
RECTAL & G. I.	1661	1727	1879
ORTHOPEDIC	1199	1503	1404
DENTAL - ADULT	2260	3222	3514
" - CHILDREN	15366	15103	15238
NEURO-PSYCHIATRIC	540	883	1083
ESSEX CO. HOSP. PAROLEES	55	31	77
NERVOUS DISEASES	1471	1616	1439
METABOLIC	1199	1411	1388
VARICOSE VEINS	798	922	1011
VACCINATION	556	539	639
ALPINE LAMP	01	239	476
MASSAGE & ELEC. THERAPY	1007	1634	2059
TESTS-IMMUNIZATIONS	3847	4086	4039
CHIROPODY	814	424	-

	1952	1951	1950
INSULIN & OTHER INJEC.	2767	2566	2004
CIRCUMCISION	-	-	85
TUMOR	143	132	168
EYE	482	625	490
EMPLY. DIAGNOSTIC CLINIC	1886	1956	786
TOTAL TREATMENTS	57423	61068	61626
DIFF. PATIENTS TREATED	24228	24768	16724
PRESCRIPTIONS	42161	44809	43131
X-RAYS DENTAL FILM	3975	3253	2898
" CHEST FILM 4X5	19310	19314	26678 *
" " " 14X17	5887	5486	7081
" MISC. CLINICS	2061	1623	1304
DOC. CALL PD BY RELIEF DEPT.	2037	2825	4080
" " " " HEALTH "	3449	4110	4626
VNA NURSE" " " "	5996	4331	-

* THE BULK OF THESE WERE FOR OUR T.B. DETECTION PROGRAM (NOT PATIENTS)

CHEST DISEASE DIVISION

DR. IRVING WILLNER, DIRECTOR -- DR. JAMES GASO, ASST. DIRECTOR
MAE WACKENHUTH, R.N., SUPERVISING NURSE

TUBERCULOSIS CONTROL (MORTALITY LOWEST EVER)

THE YEAR 1952 AGAIN SHOWS A DROP IN TUBERCULOSIS MORTALITY WITH 152 DEATHS FROM ALL FORMS OF THE DISEASE, OR A RATE OF 34.5 PER 100,000. THIS IS THE SIXTH CONSECUTIVE YEAR WITH A DROP IN THIS RATE AND IS PARTICULARLY ENCOURAGING WHEN WE REALIZE THAT NEWARK, BEING AN OLD AND INDUSTRIAL CITY, STILL HAS A LONG WAY TO GO BEFORE WE ELIMINATE SLUM DWELLINGS.

TUBERCULOSIS SPREADS FROM A PATIENT WITH POSITIVE SPUTUM TO OTHER INDIVIDUALS BUT, FORTUNATELY, IT USUALLY TAKES FREQUENT, INTIMATE CONTACT TO SPREAD. SURELY IN OVERCROWDED HOMES LACKING MANY FACILITIES, SUCH INTIMATE EXPOSURE IS GREATLY INCREASED. A STUDY BY SECTION SHOWS THAT THE RATE IS THREE TO FIVE TIMES AS HIGH IN SLUM AREAS.

OUTSTANDING IN THE TUBERCULOSIS MORTALITY STORY IS THE RATE AMONG NEGROES. A LARGE PROPORTION OF THIS GROUP, UNFORTUNATELY, LIVE IN THE OVERCROWDED BELOW-PAR TENEMENTS AND, AS A RESULT, THEIR RATE IS ALWAYS HIGHER THAN FOR THE CITY AT LARGE. ONLY 16 YEARS AGO, NEGRO TUBERCULOSIS MORTALITY WAS 388 PER 100,000. IT DROPPED TO 284 IN 1942; 187 IN 1947; AND TO A RECORD LOW OF 98.7 IN 1952. THIS IS A REDUCTION OF 75% IN 16 YEARS AND EVEN WITH THE HIGHER EDUCATIONAL STANDARDS OF TODAY, COULD ONLY HAVE BEEN OBTAINED BY A CONSTANT, VIGOROUSLY APPLIED PROGRAM.

A CONTROL PROGRAM MUST DEPEND ON TREATING AND ISOLATING THE ACTIVE CASES. IN SPITE OF THE DIFFICULTY IN ISOLATING ACTIVE CASES, OUR CASE FINDING PROGRAM CONTINUES, WITH REPEATED X-RAY SURVEYS AND TUBERCULIN TESTING AMONG CHILDREN.

MASS X-RAY PROGRAMS ARE CONTINUING AND A PLAN IS BEING ARRANGED IN COOPERATION WITH THE STATE DEPARTMENT OF HEALTH FOR A GENERAL X-RAY SURVEY OF THE CITY, BY WHICH MOBILE UNITS WILL TOUR THE CITY OVER A PERIOD OF AT LEAST TWO MONTHS DURING THE SPRING AND SUMMER MONTHS.

THE UNKNOWN CASE OF TUBERCULOSIS STILL FORMS A MAJOR PROBLEM. DURING 1952, 22% OF ALL DEATHS REPORTED WERE NOT RECOGNIZED DURING THEIR LIFETIME. THIS IS A SLIGHT INCREASE OVER 1951 WHEN 21% BECAME KNOWN TO US AFTER DEATH. THESE PATIENTS SPREAD THE FOCI OF INFECTION THROUGHOUT OUR CITY WITHOUT BEING KNOWN AND FORM THE GREATEST ARGUMENT IN FAVOR OF PERIODIC EXAMINATIONS AND ROUTINE CHEST X-RAYS.

THE CITY HOSPITAL IS THE ONLY INSTITUTION TAKING CARE OF TUBERCULOSIS AND THE TWO WARDS THERE HAVE BEEN OVER-CROWDED FOR MONTHS WITH LONG PERIODS WHEN NO BEDS WERE AVAILABLE EVEN FOR A PATIENT WITH HEMORRHAGE. ACTIVE CASES WANDER ABOUT SPREADING THE DISEASE. THE SITUATION HAS BEEN SO DEPLORABLE THAT INFECTIOUS INDIVIDUALS IN OTHER WARDS MUST WAIT TO BE TRANSFERRED TO THE TUBERCULOSIS SERVICE. THERE HAS ALSO BEEN A WAITING LIST FROM OTHER INSTITUTIONS AND PATIENTS IN THE CITY. FEW CASES ARE BEING MOVED TO THE ESSEX COUNTY SANATORIUM WHERE APPARENTLY NO BEDS ARE AVAILABLE. THIS SITUATION HAS BEEN REPEATEDLY DISCUSSED WITH NO SOLUTION UP TO THE PRESENT TIME.

THE STUDY OF MORTALITY AMONG OUR CASES FROM 1947 TO 1952 INDICATES THAT GREATER EMPHASIS MUST BE PLACED UPON THE OLDER AGE GROUPS. A MARKED DECLINE IN DEATHS AMONG YOUNG PEOPLE HAS BEEN PARTIALLY OFFSET BY AN INCREASE IN CASE FINDING AND DEATHS AMONG THE OLDER GROUPS. THE PROBLEM OF TUBERCULOSIS IS MAGNIFIED BY THE FACT THAT 700 OUT OF 1200 DEATHS WERE BETWEEN 25 AND 54, THE BULK OF WHOM ARE SUPPORTING AND MAINTAINING HOMES.

DEATHS BY AGE GROUP 1947 TO 1952 (6 YEAR TOTAL)

UNDER 1 YEAR	5	45 TO 54 YEARS	263
1 TO 19 YEARS	71	55 TO 64 YEARS	240
20 TO 24 YEARS	84	65 TO 74 YEARS	98
25 TO 44 YEARS	436	75 AND OVER	35

PNEUMOTHORAX TREATMENTS DURING THE PAST YEAR WERE 368, A DECREASE FROM 415 IN 1951. THE GENERAL TENDENCY AT THE PRESENT TIME IS TO AVOID PNEUMOTHORAX TREATMENT WHENEVER POSSIBLE. THE ADVENT OF ANTI-BIOTICS AND NEWER DRUGS IN THE TREATMENT OF TUBERCULOSIS HAS REPLACED MANY OF THE OLDER FORMS OF TREATMENT.

CHEST DISEASE DIVISION (CONTINUED)

CLINICAL EXAMINATIONS DURING THE PAST YEAR HAVE INCREASED TO 9,883 COMPARED WITH 9,300 IN 1951. X-RAYS ALSO INCREASED WITH 7,483 AND AMONG THESE, 83 ACTIVE CASES OF TUBERCULOSIS WERE DISCOVERED. IN ADDITION TO THESE PLATES, 1,320 X-RAYS WERE EXAMINED FOR OTHER CLINICS OF THE CITY DISPENSARY. THE EXAMINATION OF THESE PLATES REVEALED THE FOLLOWING:

FOOD HANDLER TEMPORARY CARDS (SUSPICIOUS)	373	CARDIAC PATHOLOGY	126
ACTIVE TUBERCULOSIS (FH)	6	SILICOSIS	4
ACTIVE TUBERCULOSIS (DISPENSARY)	3	LUNG ABSCESS	1
TUMOR OF LUNGS	1	PLEURAL EFFUSION	1

FLUOROSCOPIC EXAMINATIONS DURING 1952 WERE 1,418. THERE HAS BEEN A CONSIDERABLE INCREASE IN THE NUMBER OF CHILDREN EXAMINED FOR SUMMER CAMPS, 1,152 COMPARED WITH 778 LAST YEAR.

VISITS BY FIELD NURSES INCREASED SHARPLY WHEN 33,566 VISITS WERE MADE TO HOMES IN THE ROUTINE FOLLOW-UP OF ACTIVE AND SUSPICIOUS CASES AS COMPARED WITH 27,788 IN 1951. THESE VISITS INCLUDED 19,317 VISITS TO PATIENTS AND 23,163 CONTACTS. THE TOTAL OF 42,480 VISITATIONS INDICATES THAT IN MANY HOMES A PATIENT AND SEVERAL CONTACTS ARE INTERVIEWED ON THE SAME HOME VISIT.

CARDIAC DISEASE CONTROL — DURING 1952, 4,683 EXAMINATIONS WERE MADE IN OUR CARDIAC CLINIC, 897 ELECTROCARDIOGRAMS TAKEN AND 5,389 INJECTIONS OF MERCUHYDRIN GIVEN IN TREATMENT. THE FOLLOWING ETIOLOGICAL CLASSIFICATION WAS MADE:

HYPERTENSIVE HEART DIS.	665	ARTERIOSCL. HEART DIS.	239	NO ORGANIC HEART DIS.	154
RHEUMATIC HEART DISEASE	75	SYPHILITIC HEART DIS.	60	CORONARY THROMBOSIS	55
COR. PULMONALE	33	UNKNOWN	19	POSSIBLE HEART DISEASE	9
CONGENITAL HEART DIS.	8	HYPERTHYROID	5	ANEMIA	5
HYPOTHYROID	1	PERICARDITIS	1	SARCOID HEART DISEASE	1

HAY FEVER AND ASTHMA CLINIC — THERE HAS BEEN A SHARP INCREASE IN THE NUMBER OF EXAMINATIONS MADE IN THIS CLINIC WITH 2,235 EXAMINATIONS AS COMPARED WITH 1,707 DURING THE PREVIOUS YEAR. CASES FOR THIS CLINIC ARE REFERRED FROM PRIVATE PHYSICIANS, HOSPITALS AND OTHER CLINICS.

DIVISIONAL WORK

VISITS, INVESTIGATIONS BY NURSES	33,566
(PATIENT VISITS 19,317	
(CONTACT VISITS 23,163	42,480
CLINIC EXAM. CHEST, ADULTS & CHILD.	9,883
" " CARDIAC	4,683
" " HAY FEVER & ASTHMA	2,235
X-RAYS	7,483
MERCUHYDRIN INJECTIONS	5,389
FLUOROSCOPIC EXAMINATIONS	1,418
CAMP CHILDREN EXAMINATIONS	1,152
ELECTROCARDIOGRAMS	897
PNEUMOTHORAX TREATMENTS	368
PATCH TESTS	254

EXAMINATIONS - NEIGHBORHOOD CLINICS

WEST STREET	47
BAXTER COURT	41
CUTLER CLINIC	39
PENNINGTON COURT	25
FERRY STREET	22
SETH BOYDEN COURT	19

FOOD HANDLER & DOMESTIC WORK

FOOD HANDLER RE-EXAMINATIONS	162
FOOD HANDLER TEMP. CARDS ISSUED	137
FOOD REJECTIONS	6
DOMESTIC RE-EXAMINATIONS	30
DOMESTIC TEMPORARY CARDS ISSUED	26

SANATORIA & HOSPITAL EXAMINATIONS

VERONA - COUNTY SANATORIUM CLINIC	267
GLEN GARDNER-STATE SANATORIUM CLINIC	62
SOHO - COUNTY HOSPITAL CLINIC	8
FARMINGDALE-COUNTY PREVENTORIUM CLINIC	2

DEATHS (LAPSE OF TIME AFTER REPORT CASE)

NO. CASES REPORTED PRIOR TO DEATH - WITHIN YEAR	--	64	43%
1 TO 2 YEARS	--	15	10
2 TO 3 YEARS	--	10	6
3 TO 4 YEARS	--	11	7
4 YEARS & OVER	--	19	12
		119	78%
NO. CASES REPORTED AFTER DEATH -- -- -- -- --	--	33	22%

IVISION OF CHILD HYGIENE

DR. JULIUS LEVY, DIRECTOR - MRS. MEREDITH EHRICH, SUPERVISING NURSE

THE INFANT MORTALITY RATE IN 1952 WAS 29.0, WHICH REPRESENTS A SLIGHT INCREASE OVER 1951. THE NEONATAL MORTALITY RATE SHOWED A VERY SLIGHT INCREASE - 22.4 FOR 1952 AND 21.8 FOR 1951.

THE WHITE INFANT MORTALITY RATE WAS 22.3 AND THE COLORED INFANT MORTALITY RATE FOR 1952 WAS 57.6. THUS THE COLORED INFANT MORTALITY RATE WAS APPROXIMATELY TWO AND ONE-HALF TIMES AS GREAT AS THE WHITE INFANT MORTALITY RATE. THIS IS A REVERSAL OF THE TREND WHICH HAS RESULTED IN A GRADUAL REDUCTION OF THE COLORED INFANT MORTALITY. WHILE IT HAD ALWAYS BEEN MUCH HIGHER THAN THE WHITE INFANT MORTALITY, THE DISPROPORTION WAS NOT AS GREAT AS IN 1952.

THE WHITE NEONATAL MORTALITY RATE FOR 1952 WAS 17.5 AND THE COLORED 49.3. THIS IMPLIES THAT THE DISPROPORTION IS NOT AS GREAT AS IT IS IN THE LATER MONTHS, WHERE THE POST NEONATAL MORTALITY RATE (DEATHS OVER ONE MONTH BUT UNDER ONE YEAR) FOR WHITE WAS 4.8 AND FOR COLORED WAS 14.3.

THERE HAS BEEN ABOUT A 10% REDUCTION IN THE MORTALITY IN THE FIRST DAY, WHICH DROPPED FROM 10.4 IN 1951 TO 9.1 IN 1952.

THERE HAS BEEN AN INCREASE IN THE MATERNAL MORTALITY RATE - .6 FOR 1951 AND 1.1 FOR 1952. WHILE THE TOTAL BIRTHS WERE SLIGHTLY LOWER IN 1952 THAN THEY WERE IN 1951 - 13,968 IN 1952 AND 14,320 IN 1951 - THERE WERE TWICE AS MANY MATERNAL DEATHS IN 1952 - 16 - AS THERE WERE IN 1951 - 8.

THERE HAS BEEN ALSO A REVERSAL OF THE TREND IN HOME DELIVERIES BY PHYSICIANS, WHICH INCREASED FROM 133 IN 1951 TO 161 IN 1952. THE PERCENTAGE OF WOMEN DELIVERED IN HOSPITALS REMAINED ABOUT THE SAME - 98.7%. THERE WERE ONLY 24 BIRTHS DELIVERED BY MIDWIVES, WHICH IS ABOUT HALF THE NUMBER DELIVERED FOUR YEARS AGO.

THE NURSES MADE 89,853 VISITS TO HOMES OF BABIES UNDER TWO YEARS OF AGE, AND MOTHERS MADE 12,704 VISITS TO BABY-KEEP-WELL STATIONS IN 1952.

WE HAVE CONTINUED TO EMPHASIZE IN OUR TEACHING OF MOTHERS THE EMOTIONAL AND MENTAL DEVELOPMENT OF CHILDREN AND THE IMPORTANCE OF ANTICIPATORY GUIDANCE. TO FURTHER THIS PHASE OF OUR WORK DISCUSSION GROUPS HAVE BEEN HELD AT A GREATER INTERVAL WITH OUR MEDICAL STAFF AND WITH OUR NURSING STAFF DEALING WITH THE DEVELOPMENT OF CHILDREN AND THE IMPROVEMENT OF PARENT CHILD RELATIONSHIPS. FILMS ON RELATED SUBJECTS HAVE BEEN SHOWN TO THE STAFF AND DISCUSSED, AND A SERIES OF THESE FILMS HAVE BEEN SHOWN AT OUR VARIOUS BABY KEEP WELL STATIONS FOR THE MOTHERS OF THE NEIGHBORHOOD, SOME OF THEM AT NIGHT SO THAT THE FATHERS COULD ATTEND. THESE FILM SHOWINGS WERE ALWAYS FOLLOWED BY GROUP DISCUSSIONS BETWEEN THE DOCTORS, NURSES, AND PARENTS. WHILE IT IS DIFFICULT TO EVALUATE THE RESULTS, WE HAVE REASON TO BELIEVE THAT THIS KIND OF TEACHING IS HELPFUL IN DEVELOPING HEALTHIER PERSONALITIES IN CHILDREN.

THE REVISION OF OUR BOARDING HOME ORDINANCE EFFECTIVE OCTOBER 27, 1952 OFFERS GREATER PROTECTION TO CHILDREN RECEIVING BOARD AND CARE OUTSIDE OF THEIR OWN HOMES. THE LAW PROTECTS THE CHILDREN BY IDENTIFYING CERTAIN RISKS AND BY ESTABLISHING SAFEGUARDS TO MEET THEM.

THE EVALUATION AND INVESTIGATION OF BOARDING HOMES ENTAILS CONSIDERABLE EFFORT AND TIME, AS THE PURPOSE IS NOT ONLY TO DETERMINE IF THE HOME IS PHYSICALLY ACCEPTABLE BUT ALSO TO LEARN IF THE APPLICANT SEEMS TO BE THE KIND OF PERSON WHO WILL GIVE THE RIGHT KIND OF "MOTHERING" TO ANY CHILD FOR WHOM SHE MAY BE CARING. THIS WORK IS ONE OF THE MAJOR ACTIVITIES OF OUR SOCIAL WORKER. ONCE A LICENSE IS ISSUED, THE NURSE IN THE DISTRICT VISITS REGULARLY ONCE A MONTH TO GIVE THE FOSTER MOTHER THE SAME KIND OF GUIDANCE AND SUPERVISION WHICH A NATURAL MOTHER WOULD RECEIVE.

NOT ALL HOMES ARE INVESTIGATED BY US. AN ARRANGEMENT HAS BEEN MADE WITH THE SOCIAL AGENCIES THAT ANY HOMES WHICH THEY HAVE INVESTIGATED AND RECOMMEND WILL BE LICENSED WITHOUT A DUPLICATE INVESTIGATION (OTHER THAN POLICE CLEARANCES) BY OUR DEPARTMENT. THESE HOMES ARE RESERVED IN OUR FILES FOR THE AGENCY RECOMMENDING THEM, AND UNDER NO CIRCUMSTANCES ARE THEY GIVEN TO ANYONE ASKING FOR A LICENSED BOARDING HOME.

CHILD HYGIENE DIVISION (CONTINUED)

ON ACCOUNT OF THE GREAT SHORTAGE OF FOSTER HOMES IT HAS BEEN NECESSARY TO MAKE SURE THAT PERSONS LICENSED FOR A DEFINITE NUMBER OF CHILDREN DO NOT EXCEED THIS NUMBER. IN SOME INSTANCES, UNFORTUNATELY, AGENCIES BECAUSE OF THE SHORTAGE OF HOMES PERSUADE FOSTER MOTHERS TO TAKE MORE CHILDREN THAN WERE APPROVED IN THE ORIGINAL LICENSE.

THROUGH OUR NURSES WE LEARN OF MANY UNLICENSED BOARDING HOMES. ATTEMPTS ARE MADE EITHER TO LICENSE THEM, IF THEY MEET THE REQUIREMENTS, OR TO HELP THESE WOMEN TO HAVE THE CHILDREN RETURNED TO THEIR PARENTS OR PLACED ELSEWHERE BY SOME AGENCY.

OUR DEPARTMENT DOES NOT ATTEMPT TO PLACE CHILDREN. HOWEVER, MANY REQUESTS ARE RECEIVED IN OUR OFFICE FOR BOARDING HOMES. THERE HAS BEEN A GREAT INCREASE IN THE NEED FOR DAY CARE AS WELL AS FOR OVERNIGHT CARE. IN OCTOBER OF THIS YEAR, AT OUR REQUEST, A STUDY WAS MADE BY A VOLUNTEER PROFESSIONAL SOCIAL WORKER OF 25 HOMES WHERE CHILDREN WERE FOUND TO BE RECEIVING DAY CARE. THESE HOMES WERE NOT LICENSED FOSTER DAY CARE HOMES. THE STUDY POINTED UP THE NECESSITY FOR COMMUNITY ACTION ON UNMET NEED IN THIS AREA. THE SURVEY INDICATED THAT IT WAS NECESSARY FOR WORKING MOTHERS TO PLACE THEIR CHILDREN IN THESE HOMES FOR DAY CARE. WE WISH TO REGISTER THE FACT THAT WE FOUND THESE ARRANGEMENTS TO BE VERY UNSATISFACTORY AND INADEQUATE AND FEEL THAT THE NEED FOR DAY CARE SHOULD BE MET BY ORGANIZED CARE UNDER EITHER PRIVATE OR PUBLIC AUSPICES. IT WOULD SEEM THAT THE CITY SHOULD ASSUME MORE RESPONSIBILITY IN DEVELOPING DAY-CARE CENTERS. THE NEWARK HOUSING AUTHORITY HAS BEEN VERY INTERESTED AND SYMPATHETIC TOWARD MAKING AVAILABLE SUCH PLACES IN THE NEW HOUSING PROJECTS. IT WOULD BE NECESSARY, HOWEVER, TO MAKE AVAILABLE FUNDS TO MAINTAIN ADEQUATE STAFF FOR THE CARE OF THE CHILDREN, PROPER FACILITIES AND GENERAL MAINTENANCE.

DURING 1952 THERE WERE 209 BOARDING HOMES STUDIED FOR LICENSING OR RENEWAL OF LICENSE. OF THIS NUMBER 44 NEW HOMES WERE LICENSED, 99 LICENSES WERE RENEWED, 13 HOMES WERE REJECTED, 23 APPLICATIONS WERE WITHDRAWN, AND 30 HOMES WERE CLOSED.

WHILE THE MAJOR ACTIVITY OF THE SOCIAL WORKER FOR THE YEAR WAS CONCERNED WITH BOARDING HOMES, THE INSPECTION AND SUPERVISION OF DAY NURSERIES AND CHILD CARE CENTERS, AS WELL AS CONSULTANT AND ADVISORY SERVICES TO INDIVIDUALS WHO WISHED TO OPERATE CENTERS WAS ANOTHER IMPORTANT PHASE OF THE WORK. IN ADDITION, CASEWORK SERVICE WAS GIVEN ON FAMILY SITUATIONS AFFECTING THE EMOTIONAL AND PHYSICAL HEALTH AND WELFARE OF MOTHERS AND INFANTS IN FAMILIES REFERRED BY CHILD HYGIENE NURSES. SHE ALSO WORKED IN COOPERATION WITH CHILD PLACING AND FAMILY AGENCIES IN THE COMMUNITY, AND ATTENDED CONFERENCES AND MEETINGS IN THE MATERNAL AND CHILD HEALTH FIELD.

BOARDING HOME REPORT - LICENSED 1943

OF 80 NEW APPLICATIONS -- 44 WERE APPROVED - 13 REJECTED - 23 WITHDRAWN

OF 129 RENEWAL APPLICATIONS -- 99 WERE ISSUED - 30 WERE CLOSED

DIVISION SUPERVISED 22 PHILANTHROPIC DAY NURSERIES, NURSERY SCHOOLS AND DAY CARE CENTERS

NURSES' ACTIVITIES

YEAR	SUPERVISED BABIES BORN DURING YEAR	TOTAL NO. OF SUPERVISED BABIES UNDER TWO YEARS	NURSES' VISITS TO HOMES	MOTHERS' VISITS TO CONSULTATION STATIONS
1920	3,167	3,011	32,591	3,963
1925	4,010	7,490	42,477	7,801
1930	4,777	8,437	61,445	32,298
1935	4,060	12,948	72,877	25,903
1940	5,364	13,591	64,135	24,597
1945	6,834	12,439	72,373	11,040
1950	7,710	14,341	96,025	13,675
1952	7,866	14,289	89,853	12,704

PAROCHIAL SCHOOL MEDICAL INSPECTION

MARY J. HOBAN, B.S., R.N., ACTING SUPERVISING NURSE

THE HEALTH DEPARTMENT SUPPLIES MEDICAL INSPECTION, HEALTH EDUCATION AND HEALTH SERVICE FOR APPROXIMATELY 15,500 PRIMARY AND SECONDARY SCHOOL CHILDREN IN 34 LOCAL PAROCHIAL SCHOOLS.

A STAFF OF NURSES AND A SUPERVISING NURSE ARE ASSISTED BY THE PHYSICIANS AND DENTISTS OF THE CITY DISPENSARY. THIS STAFF WORKS COOPERATIVELY WITH THE FAMILIES, THEIR PHYSICIANS AND DENTISTS FOR THE PURPOSE OF PROMOTING A PROGRAM FOR MAINTAINING OPTIMUM HEALTH FOR ALL THE CHILDREN.

THE CLINIC PHYSICIANS ASSIGNED TO THE SCHOOL DIVISION, EXAMINE ALL NEW CHILDREN, AS WELL AS THOSE IN THE FIRST, FOURTH, EIGHTH, NINTH, TENTH, ELEVENTH AND TWELFTH GRADES. FOLLOWING THE HEALTH EXAMINATION, AN INTENSIVE PROGRAM OF FOLLOW-UP WORK IS DONE BY THE NURSES TO SEE THAT THE DEFECTS FOUND ARE CORRECTED OR CURED AS SOON AS POSSIBLE.

FAMILIES UNABLE TO PAY FOR PRIVATE CARE ARE REFERRED TO THE FREE CLINICS AT THE CITY DISPENSARY. THOSE WHO CAN AFFORD TO PAY A SMALL FEE ARE REFERRED TO THE VARIOUS HOSPITAL CLINICS THROUGHOUT THE CITY.

THE HEALTH OF THE SCHOOL CHILD IS CONSIDERED IN ALL ASPECTS, PHYSICAL, MENTAL, EMOTIONAL AND SOCIAL. COOPERATIVE RELATIONSHIP HAS BEEN ESTABLISHED BETWEEN THE VARIOUS DIVISIONS OF THE HEALTH DEPARTMENT, THE SOCIAL AGENCIES AND THE PAROCHIAL SCHOOL DIVISION NURSES.

FAMILIES NEEDING ASSISTANCE ARE GUIDED TO THE PROPER SOCIAL AGENCY. THE ASSISTANCE OF THE SCHOOL PERSONNEL IS ALSO ENLISTED IN THIS WORK. THE DEPARTMENT SOCIAL SERVICE WORKER ALSO ASSISTS IN HANDLING DIFFICULT PROBLEMS. CHILDREN WITH ABNORMAL BEHAVIOR PROBLEMS ARE REFERRED TO THE ESSEX COUNTY CHILD GUIDANCE CLINIC FOR PSYCHOLOGICAL OR PSYCHIATRIC EXAMINATIONS.

A CUMULATIVE HEALTH RECORD IS KEPT FOR EACH CHILD AND ALL CHILDREN ARE WEIGHED, MEASURED FOR DEFECTS EACH YEAR BY THE NURSE. ALL ARE REQUIRED TO BE VACCINATED AGAINST SMALLPOX AND IMMUNIZED AGAINST DIPHTHERIA. AS DIPHTHERIA IMMUNIZATION PROTECTION LASTS ONLY FOR THREE OR FOUR YEARS, RE-IMMUNIZATION IS URGED EVERY FOUR YEARS UNTIL TEN YEARS OF AGE. DURING THE PAST FEW YEARS MANY CHILDREN HAVE RECEIVED THIS PROTECTION FROM THEIR OWN FAMILY PHYSICIAN.

MUCH USE IS MADE OF THE NINE NEIGHBORHOOD HEALTH DEPARTMENT DENTAL CLINICS, FOUR OF WHICH ARE HOUSED IN THE PAROCHIAL SCHOOL BUILDINGS. NURSES, WHO ARE ASSIGNED TO THE SCHOOLS WHERE THERE ARE DENTAL CLINICS, ASSIST THE DENTIST, KEEP RECORDS, ETC. INCIDENTALLY THOSE CLINICS ARE FOR BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN OF THE NEIGHBORHOOD.

DURING THE PAST YEAR, ALL HIGH SCHOOL STUDENTS AND CHILDREN IN THE FIRST, FOURTH, SEVENTH AND EIGHTH GRADES AS WELL AS SOME CHILDREN IN OTHER GRADES WERE TUBERCULOSIS PATCH-TESTED. ALL POSITIVE REACTORS WERE REFERRED TO THE CHEST DISEASE DIVISION FOR X-RAYS. THOSE FOUND TO BE IN NEED OF FURTHER FOLLOW-UP CARE WERE PLACED UNDER THE SUPERVISION OF THE FAMILY, OR CLINIC PHYSICIAN.

WITHIN THE PAST YEAR AN IN-SERVICE TRAINING PROGRAM WAS CONDUCTED FOR OUR NURSING STAFF BY THE DEPARTMENT OPHTHOMOLOGIST ON HOW TO TEST VISION WITH THE "MASSACHUSETTS VISION TESTING MACHINE". AFTER COMPLETING THE COURSE, THE NURSES USED THE MACHINE TO TEST THE VISION OF SEVERAL HUNDRED CHILDREN. THOSE FOUND WITH DEFECTS WERE REFERRED FOR FOLLOW-UP CARE.

AN AUDIOMETRIC TESTING PROGRAM WAS CONDUCTED BY OUR NURSES AND CHILDREN WITH SUSPICIOUS LOSS OF HEARING WERE REFERRED TO THEIR OWN PHYSICIAN, OR TO THE EYE AND EAR HOSPITAL FOR EXAMINATION AND FOLLOW-UP CARE. SEVERAL MEMBERS OF OUR NURSING STAFF ATTENDED NEWARK STATE TEACHERS COLLEGE WHERE THEY TOOK A COURSE IN "AUDIOMETRIC TESTING AND THE USE OF HEARING AIDS" TO QUALIFY THEM.

PAROCHIAL SCHOOL MEDICAL INSPECTION (CONTINUED)

CLASSES OF SENIOR HIGH SCHOOL GIRLS ARE INSTRUCTED AND RECEIVE CREDITS FOR "HOME CARE OF THE SICK" AS THOSE NURSES HAVE SOME BASIC COLLEGE PREPARATION WHICH IS SUPPLEMENTED BY IN-SERVICE PREPARATION IN METHODS OF TEACHING GIVEN BY A RED CROSS INSTRUCTOR. CLASSES OF GIRLS IN ALL THE PAROCHIAL HIGH SCHOOLS ARE ALSO TAUGHT HOME NURSING UNDER THE AUSPICES OF THE HEALTH DEPARTMENT AND THE RED CROSS.

LECTURES ON HEALTH ARE ALSO GIVEN BY THE NURSES TO HIGH SCHOOL STUDENTS AND OCCASIONALLY TO PARENT-TEACHER GROUPS AND CLASS TALKS ARE GIVEN TO ELEMENTARY GRADES.

PAROCHIAL SCHOOL ACTIVITIES

1 -	GROWTH SURVEY WORK INCLUDING HEIGHT, WEIGHT, SCREENING OF VISION, HEARING, INSPECTION FOR DEFECTS OF TEETH, SKIN, PERSONAL HYGIENE, ETC. - (NURSE EXAMINATIONS) - - - - - - -	16,732
2 -	EXAMINATIONS BY PHYSICIANS -	9,327
3 -	EXAMINATION AND TREATMENTS BY DENTISTS - - - - - - - - - - - - - - -	4,843
4 -	CLASS INSPECTIONS AND TALKS - - - - (TOTAL ATTENDANCE) - - - - - - -	53,115
5 -	OFFICE CONFERENCE BY NURSES WITH PARENTS, TEACHERS, SCHOOL PRINCIPALS, SOCIAL WORKERS AND OTHERS (TOTAL ATTENDANCE) - - -	29,384
6 -	HOME CALLS MADE -	1,235
7 -	SCHOOL EXCLUSIONS FOR VARIOUS REASONS - - - - - - - - - - - - - - - -	3,222
8 -	OTHER SERVICES, SUCH AS VACCINATIONS, IMMUNIZATIONS, PATCH TESTS, RE-IMMUNIZATIONS, SHICK TESTS, FIRST AID, AUDIOMETRIC TESTS, ETC. - - - - - - - - - - - - - - - - - -	31,156
9 -	HOME NURSING CLASSES CONDUCTED IN SECONDARY SCHOOLS, APPROXIMATELY 20 STUDENTS TO EACH CLASS (DIFFERENT NUMBER OF GROUPS) - - - - - - - - - - - - - - - - - - -	308
10 -	HEALTH LECTURES GIVEN BY NURSES IN SECONDARY SCHOOLS AND AT PARENT-TEACHER MEETINGS - - - - - - - - - - - - - - - - - - -	120

	DEFECTS FOUND	CORRECTED
TEETH - - - - - - - - -	6232	4843
VISION - - - - - - - - -	1683	1294
SKIN - - - - - - - - - -	957	797
NOSE & THROAT - - - - -	943	648
CARDIAC - - - - - - - -	178	116
PEDICULOSIS - - - - - -	1297	891
NUTRITION - - - - - - -	901	392
PERSONAL HYGIENE - - - -	598	528
EAR - HEARING - - - - -	161	83
SPEECH - - - - - - - - -	259	39
OTHERS SUCH AS BEHAVIOR, POSTURE, ORTHOPEDIC, ETC.	1011	727

VENEREAL DISEASE CONTROL DIVISION

DR. EDMOND EDELSON, PHYSICIAN-IN-CHARGE

DURING THE PAST FEW YEARS THE NEWER MEDICATIONS, ESPECIALLY PENICILLIN, HAVE ENABLED US TO SHOW A CREDITABLE AND EVER IMPROVING CONTROL OF THE VENEREAL DISEASES IN SPITE OF THE PARTIAL MILITARY MOBILIZATION THROUGHOUT THE COUNTRY WITH WHICH THE CITY CONTENDED ABOUT NEWARK. THROUGHOUT THE PAST YEAR, WE HAVE BEEN AUGMENTED IN OUR CASE-FINDING AND FOLLOW-UP EFFORTS BY COOPERATION WITH THE U. S. PUBLIC HEALTH SERVICE THROUGH THE STATE VENEREAL DISEASE CONTROL PROGRAM. THE RESULTS OF THIS INTENSIVE EFFORT HAVE BROUGHT FORTH A SLIGHT INCREASE IN THE NUMBER OF NEW SYPHILIS PATIENTS, MANY OF WHOSE INFECTIONS WERE ATTRIBUTABLE TO THE INCREASED VISITS OF MILITARY PERSONNEL TO OUR CITY.

WHILE ONLY A SMALL INCREASE IN THE SYPHILIS REGISTER COULD BE PRODUCED BY AN INTENSIVE CASE-FINDING PROGRAM, AND THIS IN SPITE OF SUCH ADVERSE CONDITIONS WHICH USUALLY LEAD TO LARGE INCREASES, THE ACCOMPLISHMENT OF THIS FEAT OF SYPHILIS CONTROL SHOULD NOT LULL US INTO A FALSE SENSE OF SECURITY. IT IS NOW CLEAR THAT THE MAINTENANCE OF GOOD SYPHILIS CONTROL REQUIRES THE CONTINUATION OF ALL-OUT EFFORTS, ESPECIALLY WITH MILITARY MOBILIZATION LIKELY TO CONTINUE FOR A LONG TIME, POSSIBLY EVEN ON AN INCREASED SCALE.

IN MANY SECTIONS OF THE COUNTRY GONORRHEA HAS SHOWN A SLIGHT INCREASE DURING THE LATTER PART OF THE PAST YEAR. THIS REFLECTS WHAT HAS BEEN PREVIOUSLY STATED. VENEREAL DISEASES HAVE NOT BEEN STAMPED OUT. THEY HAVE MERELY BEEN BROUGHT UNDER THE BEST CONTROL IN HISTORY BY INTENSIVE EFFORTS OF ALL PROGRESSIVE VENEREAL DISEASE AGENCIES WITH THE AID OF THE NEWER DRUGS. WITH THE LEAST RELAXATION OF THESE EFFORTS, VENEREAL DISEASES COULD REGAIN THE PREVALENCE THEY ONCE HAD IN SPITE OF THE EXCELLENT AVAILABLE MEDICATIONS.

OUR INTENSIVE VENEREAL DISEASE CONTROL EFFORTS ARE REFLECTED IN OUR STATISTICS COMPARED WITH LAST YEAR. IN 1952, WE OBTAINED THE NAMES OF 1356 POSSIBLE SOURCES OF V.D. INFECTION. WE LOCATED AND EXAMINED 81.7% OF THESE PEOPLE. THIS IS AMAZING BECAUSE OF SHIFTING POPULATION INTO AND OUT OF THE CITY AS WELL AS WITHIN THE CITY. OF THIS HIGH PERCENTAGE FOUND AND EXAMINED, 20.3% WERE FOUND TO BE INFECTED. SUCH A HIGH PERCENTAGE OF INFECTED INDIVIDUALS NEEDING TO BE FOUND AND MADE TO TAKE TREATMENT IS HARDLY A SOURCE OF COMFORT AND PROVES THE NEED FOR INTENSIVE SEARCH TO FERRET OUT THESE SMOLDERING FOCI OF DISEASE.

OUR SKIN CLINIC - THE LARGEST AND MOST ACTIVE IN THE STATE - HAS CONTINUED ITS SERVICES AT A HIGH PEAK, 1381 PATIENTS MADE 4540 TREATMENT VISITS. ITS RESEARCH PROJECTS HAVE BROUGHT IT NATIONAL RECOGNITION AND HAVE SHOWN PRACTICAL VALUE BY A DEFINITE DECREASE IN FUNGOUS DISEASES, ESPECIALLY AMONG CHILDREN, AND IN THE CONSIDERABLY SHORTENED COURSE OF NECESSARY TREATMENT. THERE HAVE THEREFORE BEEN MANY FEWER NEW CASES OF THESE DISEASES AND THE MORBIDITY ALSO HAS BEEN GREATLY LESSENED, THEREBY DECREASING THE PATIENT LOAD OF THE CLINIC AND THE ECONOMIC BURDEN OF THE CITY.

CLINIC REPORT		1947	1948	1949	1950	1951	1952
SYPHILIS	TOTAL NEW PATIENTS	672	564	572	368	226	247
	TOTAL PATIENTS TREATED	2206	2386	7851	8513	4691	3309
	TREATMENTS GIVEN *	22785	17728	19714	10269	5320	3911
	CASES REPORTED FROM NEWARK	2105	1890	1865	1595	1932	600
	PATIENTS DISMISSED, ARRESTED OR CURED	1140	1760	894	875	1423	1017
	PATIENTS PUT ON REST	360	125	437	599	676	383
GONORRHEA	NEW PATIENTS - MALE	951	760	62[illegible]	9[illegible]6	935	967
	" " FEMALE	285	327	413	438	299	281
	TOTAL NEW PATIENTS	1236	987	1034	1354	1234	1268
	PATIENTS TREATED - MALE	1443	1107	4709	3599	3343	3600
	" " FEMALE	1120	1009	1109	1647	2248	2343
	TOTAL G.C. PATIENTS TREATED	2563	2116	5818	5246	5591	3457
	TOTAL VISITS G.C.	7049	6569	7626	5676	5615	5949
SOURCES OF INFECTION	NAMED	705	645	489	1022	906	1356
	FOUND AND EXAMINED	315	342	244	733	632	1108
	FOUND INFECTIOUS	132	118	130	302	187	314

* NOTE GREAT DROP IN NECESSARY TREATMENTS PER CASE DUE TO NEW ANTI-BIOTICS. IN 1947, 2206 SYPHILIS PATIENTS-22,785 TREATMENTS. THIS YEAR 50% MORE PATIENTS RECEIVED ONLY 3,911 TREATMENTS.

LABORATORIES

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST — FRED COLTRELL, ASST. CHIEF BACTERIOLOGIST
MEYER LEVY, B.SC., SEROLOGIST — NICHOLAS D'AURIA, B.A., ACTING CHIEF CHEMIST
DISPENSARY LABORATORY - CARL CORDASCO, B.S., PH.G., ASST. CHIEF BACT.

(THESE LABORATORIES MAKE FOOD, MILK AND WATER EXAMINATIONS, FREE DIAGNOSTIC TESTS FOR LOCAL PHYSICIANS AND DEPARTMENT CLINICS)

BACTERIOLOGICAL

DIPHTHERIA CULTURES	2705
" " POSITIVE	0
TUBERCULOSIS SPUTA	4377
" " POSITIVE	587
TYPHOID (WIDALS)	14
" " POSITIVE	0
PARA TYPHOID, A & B	14
" " " POSITIVE	0
DOG BRAIN EXAM. (RABIES)	34
" " " POSITIVE	0
VINCENTS ANGINA SMEARS	806
" " " POSITIVE	176
GONORRHOEA SMEARS	3665
" " POSITIVE	397
" CULTURES	4639
" " POSITIVE	351
EXAM. FOR UNDULANT FEVER	5
" " " POSITIVE	0
EXAM. OF FECES & URINE	14
WATER EXAMINATIONS	144
MILK & CREAM EXAMINATIONS	3193
ICE CREAM EXAMINATIONS	184
SHELL FISH "	12
MISC. FOOD "	156
SWABBING FROM EATING UTENSILS	767
RINSE WATER SWABBING	105
PASTEUR TREATMENTS GIVEN	0
TOTAL	20834

CHEMICAL

MILK SAMPLES	2453
" " BELOW STANDARD	0
MILK AVERAGE SOLIDS (ALL SAMPLES)	12.63
" " FAT " "	3.82
CREAM SAMPLES	374
" " BELOW STANDARD	8
ICE CREAM SAMPLES	200
" " " BELOW STANDARD	1
WATER SAMPLES	101
MISCL. "	520
PHOSPHOTASE TEST (MILK PASTERZ'N)	3025
TOTAL	6673

NOTE - SPECIAL EXAMINATIONS INCLUDED HORSE MEAT, ADDED SULPHITES AND EXCESSIVE FAT CONTENT IN MEATS; ARTIFICIAL FLAVORINGS, FOREIGN FATS, OILS, ETC., AND MANY OTHER TYPES OF FOODS. CREAM AND ICE CREAM EXAMINATIONS INCLUDED PHOSPHOTASE TEST.

WATER SAMPLES INCLUDED ROUTINE EXAMINATIONS FROM WATER SHEDS, LOCAL FAUCETS, ETC., AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, ETC.

SEROLOGICAL

PREMARITAL TESTS (KAHN)	5672
" " POSITIVE	58
PRENATAL " "	3221
" " " POSITIVE	32
DIAGNOSTIC " "	20055
" " " POSITIVE	1551
TOTAL KAHN TESTS	29942
" " " POSITIVE	1641
CONFIRMATION WASSERMANNS	2482
" " POSITIVE	1402
SPINAL FLUIDS, WASSERMANNS	995
" " " POSITIVE	30
RH FACTOR DETERMINATION	3644
" " " POSITIVE	3231
" ANTIBODY TITRATION	13
HETEROPHILE ANTIBODY DET.	76
BLOOD TEST (FOR TYPE)	1541
MISC. QUANT. WASS. AGGLUTINATION, GOLD CURVE, ETC.	29
TOTAL	38722

DISPENSARY LABORATORY

KLINE BLOOD TESTS FOR SYPHILIS		TOTAL	POS.
	FOOD HANDLERS	8513	54
	DOMESTICS	1620	69
	INDUSTRIAL	862	24
	CLINICS	6525	1052
	PRIV. DOCTOR	2498	72
	MARRIAGE	552	16
	TOTAL KLINES	28514	2314
QUANTITATIVE KLINE TESTS		3920	1026
DARKFIELDS		39	0
SPINAL FLUIDS		112	-
GONORRHEA SMEARS		4195	932
VINCENTS ANGINA SMEARS		1265	335
TRICHMONAS VAGINALIS		1406	561
URINALYSES		2613	-
SPECIAL TESTS FOR BLOOD COUNT CLOTTING & BLEEDING TIME, SUGAR, SEDIMENTATION RATE, ETC.		2752	-
BLOOD TYPING & RH FACTOR		4024	-
TOTAL		44920	

TOTAL TESTS (ALL LABORATORIES) - - - 111,149